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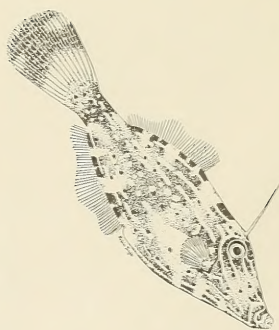
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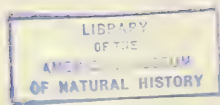
**DEAN bibliography
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1969**

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New York***

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To Robert G. Goelet

without whose help the *Dean Bibliography of Fishes*
could never have been started or carried on

Introduction

This computerized bibliographic analysis closely follows the principles and procedures that were developed to produce the initial 1968 volume. In order to make the bibliography virtually self-explanatory, and therefore easier to use, a finding index with detailed cross references has been added, as well as an index of systematic categories and an alphabetical list of serial titles.

In the preparation of this volume, the following persons and institutions have provided vital assistance and support: Miss Louise Schultz and her associates of the BioSciences Information Service, Dr. Donn E. Rosen, Dr. Gareth J. Nelson, and Mrs. Vivian Joan Oleen of the Department of Ichthyology, The American Museum of Natural History, and the Office of Science Information Service of the National Science Foundation (Grants GN-658.1.2.3.4).

During 1972 and 1973, a cooperative arrangement was negotiated between the *Dean Bibliography of Fishes* and *The Zoological Record* of The Zoological Society of London that will result in the incorporation of the *Bibliography* into the *Record* as Section 15 Pisces. The Zoological Society has accepted the *Dean Bibliography* in its computerized form and is also planning to utilize its system of indexing and computerization in the production of all the sections of the *Record*. Transitions from one method of publication to another are difficult at best, and the establishment of a joint publication will entail many small but necessary changes in the indexing and presentation of information. The period of transition will occupy the time that had previously been relegated for the preparation of the 1970 edition of the *Dean Bibliography*. As a consequence, there will be a lapse of one year in the production of the *Dean Bibliography of Fishes* and the next edition will appear as the 1971 Pisces section. The 1970 edition of *The Zoological Record* will contain the Pisces section produced by the regular method of that publication.

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| | Distribution of infection | 805473 | | | Biochemistry |
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| | Popular names | 805859 | | | Liver |
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| Carcharhinus | | | | | Histology |
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| Liver | | Parasite systematics | 806632 | (continued) |
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| Fecundity | 805672 | Change with age | 807979 | |
| Cestoda | | <i>Mystidens</i> | | |
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| Attacks on manmade objects | | Genotype | 805859 | |
| Experimental analysis | 808980 | Synonymy | 805859 | |
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| Calcitonin | | Faunal list | | |
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| Synonymy | 805859 | | 804202 | |
| Check list | 805859 | Hemodynamics | | |
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| Gut contents | 807997 | Experimental analysis | 808757 | |
| <i>Mustelus antarcticus</i> | | Cestoda | | |
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| Descriptive evolution | 804918 | Quinaldine | | |
| Nervous electrophysiology | | Effect on fish | 805018 | |
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| | Genotype | 805859 | Copepoda | |
| | Synonymy | 805859 | Parasite systematics | 806839 |
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| | Choroid and tapetum | | Hydrostatics | |
| | Experimental analysis | 803729 | Biochemistry | |
| | Cestoda | | Function | 805404 |
| | Parasite life history | 804264 | <i>Lamna obliqua</i> | |
| | Archeological data | 804709 | Eocene | 805421 |
| Cetorhinidae | | | <i>Oxyrhina desori</i> | |
| <i>Cetorhinus maximus</i> | | | Synonymy | 804654 |
| Liver | | | <i>Oxyrhina escheri</i> | |
| Lipid and fatty acid content | | | Identifying characters | 804654 |
| Biochemistry | 804751 | | Synonymy | 804654 |
| | 807286 | | <i>Oxyrhina hastalis</i> | |
| Hydrostatics | 807331 | | Identifying characters | 804654 |
| Miocene | 804654 | | <i>Squalicorax</i> | |
| Cestoda | | | Synonymy | 803839 |
| Incidence of infection | 806261 | | Oral teeth | 803839 |
| Copepoda | | | Cretaceous | 803839 |
| Parasite systematics | 806839 | | Odontaspidae | |
| Distribution | 805475 | | Oral teeth | 804654 |
| Seasonal abundance | 804005 | | | 808370 |
| Hydrostatics | | | Miocene | 804654 |
| Biochemistry | | | | 808370 |
| Function | 805404 | | Distribution | 808370 |
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| | 804735 | | Oligocene | |
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| Brain | | Lipid and fatty acid content | | |
| Anatomy | | Biochemistry | 806615 | |
| Function | 807325 | Tide pools | | |
| Cretaceous | 804735 | Description and occurrence | 807246 | Rhincodontidae |
| Eocene | 805385 | Cestoda | | |
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| <i>Odontaspis acutissima</i> | | Biochemistry | 806615 | |
| Synonymy | 807965 | Parasite systematics | 807410 | Scyliorhinidae |
| Subspecies | 808370 | Distribution | 809101 | |
| Oral teeth | 807965 | Spatial orientation | | |
| Miocene | 807965 | Nose | | |
| <i>Odontaspis ferax</i> | 807965 | Experimental analysis | 803957 | |
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| Oral teeth | 808881 | Nose | | |
| Distribution | 805124 | Experimental analysis | 803957 | |
| | 805475 | Naive responses to stimuli | | |
| | 808881 | Sound reception | 803745 | |
| <i>Odontaspis taurus</i> | | Museum | | |
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| Distribution | 805475 | Parasite systematics | 804040 | |
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| | 805421 | Scyliorhinidae | | |
| Distribution | 805385 | Distribution | 808409 | |
| Orectolobidae | | Hydrostatics | | |
| Distribution | 808494 | Biochemistry | | |
| <i>Chiloscyllium ocellatum</i> | | Function | 805404 | |
| Synonymy | 805145 | Egg laying | 808962 | |
| Museum | | <i>Apristurus brunneus</i> | | |
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| <i>Chiloscyllium plagiosum</i> | 805145 | Light | | |
| Distribution | | Experimental analysis | 804238 | |
| Larva | 808982 | Darkness | 804238 | |
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| Synonymy | 805145 | Liver | | |
| List of types | | Lipid and fatty acid content | | |
| Museum National d'Histoire Naturelle | 805145 | Biochemistry | 807286 | |
| Lipid and fatty acid content | | <i>Cephaloscyllium uter</i> | | |
| Central nervous system | | Choroid and tapetum | | |
| Biochemistry | 809010 | Light | | |
| Intermediate metabolism | | Experimental analysis | 804238 | |
| Cyclophosphamide | | Darkness | 804238 | |
| Experimental analysis | 806789 | <i>Cephaloscyllium ventriosum</i> | | |
| Pigments | | Habitat preference | 807188 | |
| Biochemistry | | Avoidance responses | 807188 | |
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| Nerve transection | 807175 | Claspers | 805095 | |
| Pit organs | | Anatomy | 805095 | |
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| Histology | 808758 | Egg | 805095 | |
| Nervous electrophysiology | 808758 | Vertical distribution | 805095 | |
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| Naive responses to stimuli | | Egg laying | 807206 | |
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| Light | | <i>Scyliorhinus caniculus</i> | | |
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| Darkness | 804238 | Innervation | | |
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| Immunoglobulin | | Function | 803867 | |
| Change with age | | Nitrogen metabolism | | |
| Biochemistry | 808945 | Experimental analysis | 803754 | |
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| Hemodynamics | | Anatomy | | |
| Adrenaline | | Function | 803865 | |
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| | Biochemistry | 805222 | Histology | |
| | Enzymology | 805222 | Descriptive evolution | 804764 |
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| | Biochemistry | 805222 | Cestoda | |
| | Enzymology | 805222 | Host specificity | 804958 |
| | Metencephalon | | Parasite systematics | 804040 |
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| | Function | 804066 | <i>Scyliorhinus torazame</i> | |
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| | Experimental analysis | 806100 | Experimental analysis | 807112 |
| | Somatic sensory nervous system | | Galvanotaxis | |
| | Swimming | | Experimental analysis | 807112 |
| | Function | 803867 | Sphyrnidae | |
| | Proprioceptive senses | | Synonymy | 805859 |
| | Experimental analysis | | Distribution | 809101 |
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| | Sclera and cornea | | <i>Cestracion priscus</i> | |
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| | Biochemistry | 803969 | Miocene | 808370 |
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| | Biochemistry | 805177 | Descriptive evolution | 806766 |
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| | Erythrocytes | | Parasite systematics | 804040 |
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| | Experimental analysis | 804642 | Distribution | 808473 |
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| | Calcium | | Aggressive behavior | 807208 |
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| | Transaminase | | Distribution | 807014 |
| | Enzymology | 804024 | Aggressive behavior | 807208 |
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| | Function | 805015 | Museu Paulista | 807134 |
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| | Function | 804642 | Synonymy | 805145 |
| | Change with age | 805728 | Displacement detection | |
| | Tooth replacement | | Naive responses to stimuli | |
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| | Histology | 807331 | Survival in captivity | 805666 |
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| | Hydrostatics | 807331 | Gross external anatomy | 809101 |
| | Reproductive system | | Distribution | 808494 |
| | Ovary | | <i>Sphyrna zygaena</i> | |
| | Histology | 805392 | Brain | |
| | Uterus | | Anatomy | |
| | Histology | | Function | 807325 |
| | Biochemistry | 807199 | Cestoda | |
| | Interstitial tissue | | Parasite systematics | 806632 |
| | Androgens | | Distribution | 807937 |
| | Biochemistry | 805187 | Seasonal abundance | 808873 |
| | Claspers | | Heterodontiformes | |
| | Androgens | | <i>Heterodontus francisci</i> | |
| | Developmental analysis | 806290 | Metencephalon | |
| | Allometry | | Nervous electrophysiology | |
| | Development | 806518 | Function | 803567 |
| | Vertical distribution | 807995 | Choroid and tapetum | |
| | Cestoda | | Experimental analysis | 803729 |
| | Incidence of infection | 806261 | Light | |
| | Parasite systematics | 804040 | Experimental analysis | 804238 |
| | | 806632 | Darkness | 804238 |
| | Nematoda | | Littoral zone | 807227 |
| | Incidence of infection | 805803 | Habitat preference | 808137 |
| | Distribution | 803880 | Reproduction | 808137 |
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| | Swimming | | <i>Heterodontus japonicus</i> | |
| | Experimental analysis | 803616 | Axial skeletal muscles | |
| | | 803618 | NAD | |
| | | 803867 | Enzymology | |
| | Hydrodynamics | | Biochemistry | 805508 |
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| | Oxidative metabolism | | Function | 806766 |
| | Exercise | | Descriptive evolution | 806766 |
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| Cestoda | | Distribution | 805475 | |
| Parasite systematics | 804040 | <i>Echinorhinus</i> | | |
| Copepoda | | Genotype | 805860 | |
| Parasite life history | 804310 | Synonymy | 805860 | Dalatiidae |
| <i>Heterodontus portusjacksoni</i> | | Check list | 805860 | |
| Venous system | | Popular names | 805860 | |
| Anatomy | | <i>Echinorhinus brucus</i> | | Echinorhinae |
| Function | 804779 | Identifying characters | 807588 | |
| Cestoda | | Redescription | 807588 | |
| Parasite systematics | 805071 | Body content | | |
| <i>Heterodontus ramalheira</i> | | Axial skeletal muscles | | |
| Gross external anatomy | 803670 | Biochemistry | 808409 | Pristiophoridae |
| Distribution | 803670 | Distribution | 803774 | |
| Hexanchiformes | | | 807588 | |
| Cestoda | | Gut contents | 807588 | |
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| Lateral line pores and canals | | <i>Pliotrema</i> | | |
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| Descriptive evolution | 804102 | <i>Pristiophorus</i> | | |
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| Scales | | Check list | 805860 | |
| Buccal cavity | | Popular names | 805860 | |
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| Anatomy | | Function | 806766 | |
| Function | 806766 | Descriptive evolution | 806766 | |
| Descriptive evolution | 806766 | <i>Pristiophorus japonicus</i> | | |
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| | 807123 | Squalidae | | |
| <i>Hexanchus griseus</i> | | Popular names | 805860 | |
| Identifying characters | 803737 | Fins | | |
| Neuroendocrine substances | | Locomotion | | |
| Neurohypophysis | | Function | 807979 | |
| Biochemistry | 803811 | Brain | | |
| Viviparity | 803737 | Anatomy | | |
| Cestoda | | Function | 807325 | |
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| | | Lipid and fatty acid content | | |
| Distribution | 806632 | Histology | 807331 | |
| | 803737 | Biochemistry | 807331 | |
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| | 804183 | Distribution | 805475 | |
| | 805977 | | 808409 | |
| Gut contents | 803737 | <i>Atractophorus armatus</i> | | |
| Source of pharmaceuticals | | Distribution | 803774 | |
| Bibliography | 807216 | <i>Centrophoroides</i> | | |
| <i>Hexanchus vitulus</i> | | Genotype | 805859 | |
| New species | 803737 | Synonymy | 805859 | |
| Viviparity | 803737 | Check list | 805859 | |
| Distribution | 803737 | <i>Centrophorus</i> | | |
| <i>Notidanus gigas</i> | | Genotype | 805859 | |
| Miocene | 804654 | Synonymy | 805859 | |
| <i>Notidanus primigenius</i> | | Check list | 805859 | |
| Oral teeth | 804654 | | 805860 | |
| | 808370 | Liver | | |
| Miocene | 808370 | Lipid and fatty acid content | | |
| | 808370 | Biochemistry | 807286 | |
| Distribution | | <i>Centrophorus granulosus</i> | | |
| <i>Notorynchus pectorosus</i> | | Synonymy | 805475 | |
| Gross external anatomy | 807049 | Vertical distribution | 805475 | |
| Coloration | 807049 | <i>Centrophorus jonsi</i> | | |
| Distribution | 807049 | Liver | | |
| Squaliformes | | Lipid and fatty acid content | | |
| Cestoda | | Biochemistry | 804721 | |
| Parasite life history | 804739 | <i>Centrophorus squamosus</i> | | |
| Host and parasite phylogeny | | Liver | | |
| Dalatiidae | | Lipid and fatty acid content | | |
| Synonymy | 805860 | Biochemistry | 804721 | |
| <i>Atractophorus armatus</i> | | <i>Centrophorus uyato</i> | | |
| Body content | | General structure and behavior | 807100 | |
| Axial skeletal muscles | 808409 | General embryology | 807100 | |
| Biochemistry | | Vertical distribution | 807100 | |
| <i>Dalatis</i> | | <i>Centropterus</i> | | |
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| Synonymy | 805860 | <i>Centrosyllium</i> | | |
| Check list | 805860 | Genotype | 805860 | |
| Popular names | 805860 | Check list | 805860 | |
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| Hydrostatics | | Distribution | 808745 | |
| Biochemistry | | <i>Centrosyllium ritteri</i> | | |
| Function | 805404 | Liver | | |
| Lipid and fatty acid content | | Lipid and fatty acid content | | |
| Experimental analysis | 807331 | Biochemistry | 807286 | |
| <i>Euprotomicrus</i> | | <i>Centrosymnus</i> | | |
| Genotype | 805860 | Genotype | 805860 | |
| Synonymy | 805860 | Check list | 805860 | |
| Check list | 805860 | | | |

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| | <i>Cerictius</i> | | Descriptive evolution | 807937 |
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| | Genotype | 805859 | Pesticide content | 806508 |
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| | Gut contents | | Biochemistry | 804389 |
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| | Lipid and fatty acid content | 805001 | Cyclophosphamide | |
| | <i>Deania</i> | | Experimental analysis | 806789 |
| | Identifying characters | 806542 | Scales | |
| | Genotype | 805860 | Histology | |
| | Synonymy | 805860 | Development | 804064 |
| | Check list | 805860 | Axial skeletal muscles | |
| | Distribution | 806542 | Glutamine synthetase | |
| | <i>Deania natalense</i> | | Enzymology | |
| | Relationships | 806542 | Biochemistry | 808942 |
| | Redescription | 806542 | Blood brain barrier | |
| | Synonymy | 806542 | Urea | |
| | <i>Etmopterus</i> | | Experimental analysis | 806798 |
| | Genotype | 805860 | Cerebrospinal fluid | |
| | Synonymy | 805860 | Blood brain barrier | |
| | Check list | 805860 | Experimental analysis | 806810 |
| | Popular names | 805860 | Inulin | |
| | <i>Etmopterus niger</i> | | Function | |
| | Cestoda | | Experimental analysis | 806794 |
| | Parasite systematics | 804040 | Brain | |
| | <i>Etmopterus princeps</i> | | Allometry | |
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| | University of Oslo | 806655 | Amino acids | |
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| | <i>Etmopterus spinax</i> | | Enzymology | |
| | Gill arches | | Biochemistry | 808942 |
| | Anatomy | 807964 | Nitrogen metabolism | |
| | Vertical distribution | 805475 | Biochemistry | 806806 |
| | <i>Euphyacanthus</i> | | Peptide | |
| | Genotype | 805860 | Nitrogenous content | |
| | <i>Gyrace</i> | | Biochemistry | 808358 |
| | Genotype | 805860 | Metencephalon | |
| | Check list | 805860 | Anatomy | 806100 |
| | <i>Heteroscyrnoides</i> | | Histology | 806094 |
| | Genotype | 805860 | Cranial nerves | |
| | <i>Heteroscyrnus</i> | | Anatomy | |
| | Genotype | 805860 | Histology | 806280 |
| | <i>Isistius</i> | | Visual pigments | |
| | Genotype | 805860 | Biochemistry | 806608 |
| | Synonymy | 805860 | Neurohypophysis | |
| | <i>Lepidionus squamosus</i> | | Immunological analysis | 806802 |
| | Distribution | 806542 | Neuroendocrine substances | |
| | <i>Oxynotus</i> | | Glutamic acid | |
| | Genotype | 805860 | Biochemistry | 803805 |
| | Check list | 805860 | Adenohypophysis | |
| | Popular names | 805860 | Anatomy | |
| | <i>Oxynotus centrina</i> | | Descriptive evolution | 808902 |
| | Distribution | 806542 | Immunological analysis | 806802 |
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| | Hydrodynamics | 807979 | Ultrastructure | 805162 |
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| | Distribution | 805977 | Oxidative metabolism | 806949 |
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| | <i>Scymnodalutias</i> | | Ultrastructure | 809076 |
| | Genotype | 805860 | Calcitonin | |
| | <i>Scymnodon</i> | | Biochemistry | 803964 |
| | Genotype | 805860 | Calcitonin | |
| | Synonymy | 805860 | Biochemistry | |
| | Check list | 805860 | Effect on fish | 809076 |
| | <i>Scymnodon ringens</i> | | Gills | |
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| | <i>Somniosus</i> | | Histology | 803949 |
| | Genotype | 805860 | Function | 803949 |
| | Synonymy | 805860 | ATP use content and function | |
| | Check list | 805860 | Biochemistry | 806803 |
| | Popular names | 805860 | Biochemical blood constituents | |
| | Mammalia | | Hydrogen ion concentration | |
| | As predator | 805518 | Experimental analysis | 806809 |
| | <i>Somniosus microcephalus</i> | | Carbon dioxide | 806812 |
| | Oral teeth | 807348 | Hemoglobin | 806809 |
| | Copepoda | | Change with age | 805728 |
| | Host parasite interactions | 807348 | Immunological reactions | |
| | Feeding | 807348 | Experimental analysis | 806802 |
| | <i>Squalus</i> | | Hemodynamics | |
| | Genotype | 805859 | Heart nerve supply | |
| | Synonymy | 805859 | Experimental analysis | 806805 |
| | Check list | 805859 | Carbon dioxide | 806805 |
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| Stomach | | | Intensity of infection | 807391 | Squalidae |
| Histamine content | | | Parasite systematics | 806632 | (continued) |
| Biochemistry | 809016 | | Nematoda | | |
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| Spiral valve | | | Distribution | 804691 | Xenacanthomorpha |
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| Glutamine synthetase | | | Function | 805404 | |
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| Gut contents | | Histology | 805733 | |
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| Lophotidae | Distribution | 806569 | Intensity of infection | 804887 |
| | Availability and use of food | 808456 | Lophotidae | |
| | Gut contents | 804897 | Key | 808135 |
| Regalecidae | <i>Cladocera</i> | | Regalecidae | |
| | Seasonal changes | 808456 | Relationships | 807262 |
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| | Distribution | 804194 | <i>Regalecus glesne</i> | |
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| | Distribution | 806950 | Anatomy | 807636 |
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| | Gut contents | 807715 | Distribution | 807636 |
| Pegasiformes | Change with age | 807715 | Seasonal abundance | 808704 |
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| Stylephoridae | <i>Syngnathus rostellatus</i> | 805748 | Habitat preference | |
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| Veliferidae | Seasonal changes | 805205 | Trachipteridae | |
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| Trachipteridae | Salinity | 807017 | Distribution | 803800 |
| | Mating | 807017 | Key | 805339 |
| | Parental care of eggs | 807017 | <i>Trachipterus iris</i> | 805977 |
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| | General structure and behavior | 805591 | Distribution of infection | 805473 |
| | Reproduction | 805591 | Distribution | 808705 |
| Trachipteridae | <i>Syngnathus typhle</i> | 807748 | <i>Trachipterus ishikawai</i> | |
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| | Function | 804563 | Redescription | 804423 |
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| | <i>Trachyrhamphus</i> | 808135 | Descriptive evolution | 807262 |
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| Anatomy | | Seasonal abundance | 805205 | |
| Function | 807262 | | 805206 | |
| Descriptive evolution | 807262 | Habitat preference | 805205 | |
| Egg | | <i>Zebrafish</i> | | Acanthuridae |
| Hydrostatics | 804553 | Distribution | 808284 | |
| Acanthuroidei | | <i>Zebrafish veliferum</i> | | |
| Gill arch teeth | | Synonymy | 808284 | |
| Anatomy | | Monogenea | | Siganidae |
| Descriptive evolution | 807964 | Parasite systematics | 804823 | |
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| Function | 805679 | Distribution | 804712 | |
| Mouth | | Siganidae | | |
| Anatomy | | Gut contents | 806763 | |
| Function | 805679 | Avoidance responses | 805401 | |
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| Function | | Genotype | 803708 | |
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| | 807091 | Urohyal | | |
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| Feeding | 805465 | Identification | 807307 | |
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| Habitat preference | 805679 | Habitat preference | 805205 | |
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| Reproduction | 805679 | Distribution of infection | 807389 | |
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| <i>Alepisaurus ferox</i> | | Coloration | 805401 | |
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| Distribution | | Axial skeletal muscles | | |
| Juvenile | 806950 | Biochemistry | 805653 | |
| Grazing | 805465 | Water content | 805653 | |
| Archeological data | 804185 | Protein content | 805653 | |
| <i>Acanthurus bleekeri</i> | | Lipid and fatty acid content | 805653 | |
| Distribution | | Nematoda | | |
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| <i>Acanthurus chirurgus</i> | | Distribution | 808494 | |
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| Cestoda | | Coloration | 806781 | |
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| <i>Acanthurus guttatus</i> | | | 807935 | |
| Synonymy | 805145 | <i>Siganus rostratus</i> | | |
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| Broussonet Collection | 805145 | Larva | 808982 | |
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| Distribution | 805111 | <i>Siganus striolatus</i> | | |
| <i>Acanthurus sohal</i> | | Nematoda | | |
| Distribution | 807014 | Parasite systematics | 803976 | |
| <i>Acanthurus triostegus</i> | | Ammodytidae | | |
| Coloration | 805401 | Distribution | 804261 | |
| Habitat preference | | Population density | | |
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| Experimental analysis | 806145 | Experimental analysis | 804990 | |
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| Alepisauridae | | Seasonal changes | 807979 | |
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| Digena | | Gut contents | 805022 | |
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| | Incidence of infection | 807495 | Muscles | |
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| | Incidence of infection | 807495 | Muscles | |
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| Belontiidae | Distribution | | Breathing | |
| | Larva | 808471 | Muscles | 808789 |
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| | Pollutant content | | Effect on fish | 807830 |
| Belontiidae | Chlorinated biphenyls | 803677 | Lethal environmental limits | |
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| Belontiidae | Synonymy | 807965 | Skull | |
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| Belontiidae | Mass mortalities | | Change with age | |
| | Seasonal abundance | | Hydrostatics | 808979 |
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| | <i>Gymnammodytes cicereillus</i> | | Mating | 808979 |
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| Belontiidae | Distribution | 807198 | General structure and behavior | 803687 |
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| | Anabantoidei | | Monogenea | |
| Belontiidae | Relationships | 807262 | Parasite systematics | 804455 |
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| | Anatomy | | <i>Ctenopoma muriei</i> | 805853 |
| Belontiidae | Descriptive evolution | 807262 | Larva | |
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| | Anatomy | 807964 | Hydrostatics | 808979 |
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| Belontiidae | Anatomy | 807964 | Courtship | 808979 |
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| Belontiidae | Ovarian cycles | 806952 | <i>Ctenopoma petherici</i> | |
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| Belontiidae | Liver | | Distribution | 804180 |
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| | Biochemistry | 806696 | <i>Badis badis</i> | |
| Belontiidae | Seasonal changes | 804311 | Gill arches | 807964 |
| | Oogenesis | | Anatomy | |
| | Carbohydrate content | 804746 | Gill arch teeth | 807964 |
| Belontiidae | Biochemistry | | Anatomy | 805845 |
| | Ovarian cycles | | Reproduction | |
| | Oxidative metabolism | 806696 | Belontiidae | |
| Belontiidae | Biochemistry | 806601 | General structure and behavior | 806601 |
| | General structure and behavior | | Gill arches | |
| | Visceral skeleton | | Anatomy | 805413 |
| Belontiidae | Anatomy | 808789 | Aerial respiration | |
| | Function | | Gill arch teeth | 807964 |
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| General structure and behavior | 803704 | Water pressure | | (continued) |
| | 803848 | Sensitivity to mechanical stimuli | 807737 | |
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| Experimental analysis | 807052 | Histology | 806923 | |
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| Experimental analysis | 808325 | Parasite systematics | 806926 | |
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| Biochemistry | | DDVP | | |
| Bacteria | 807132 | Effect on fish | | |
| Fungi | 807132 | Lethal environmental limits | 807830 | |
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| Biochemistry | | Effect on fish | | |
| Bacteria | 807132 | Lethal environmental limits | 807830 | |
| Fungi | 807132 | <i>Trichogaster leeri</i> | | |
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| Breeding and rearing | 803925 | Fish mycobacteriosis | | |
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| Aerial respiration | 803886 | Effect on fish | 808255 | |
| Reproduction | 803994 | Prophylactic treatment | 808255 | |
| | 803995 | <i>Trichogaster microlepis</i> | | |
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| Seasonal changes | | Introduction for fishery | 805113 | |
| Cytology | 808934 | <i>Trichogaster trichopterus</i> | | |
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| Seasonal changes | | Mechanical senses | | |
| Cytology | 808934 | Function | 804992 | |
| Gut contents | 806932 | Lipid and fatty acid content | | |
| <i>Colisa labiosa</i> | | Developmental analysis | 804816 | |
| Isolating mechanisms | 806371 | Gonadotropin | | |
| Monogenea | | Effect on fish | | |
| Parasite systematics | 804008 | Aggressive behavior | 809079 | |
| Pheromones | | Nest construction | 809079 | |
| Reproduction | | Aerial respiration | 803886 | |
| Experimental analysis | 806371 | Hemopoiesis | | |
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| | 806597 | Experimental analysis | 804890 | |
| Pheromones | | Estrogens | | |
| Reproduction | | Effect on fish | | |
| Experimental analysis | 804630 | Mating | 809079 | |
| | 806371 | Androgens | | |
| Visual signals | 806371 | Effect on fish | | |
| <i>Ctenopoma vittatus</i> | | Nest construction | 809079 | |
| Reproduction | 803637 | Parental care of eggs | 809079 | |
| <i>Macropodus cupanus</i> | | Light | | |
| Aerial respiration | 803886 | Habitat preference | | |
| Reproduction | 803889 | Change with age | 807656 | |
| <i>Macropodus opercularis</i> | | Nematoda | | |
| General structure and behavior | 804605 | Distribution of infection | 807389 | |
| Estrogens | | Habitat preference | 808632 | |
| Effect on fish | | Reproduction | 804500 | |
| Larva | 804697 | Sensory deprivation | | |
| Rate of growth | | Eye | 804992 | |
| Estrogens | | Waterborne antitumor factor | | |
| Experimental analysis | 804697 | Experimental analysis | 807083 | |
| Parental care of eggs | 805412 | <i>Trichopsis pumilus</i> | | |
| Parental care of young | 805412 | Aerial respiration | 803886 | |

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| Belontiidae (continued) | <i>Trichopsis schalleri</i> | | Habitat preference | 805656 |
| | Reproduction | 805742 | | 806594 |
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| | Helostomatidae | | Experimental analysis | 806057 |
| | <i>Helostoma rudolfi</i> | | Aggressive behavior | 806057 |
| | Monogenea | | Courtship | 806057 |
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| | <i>Helostoma temminckii</i> | | <i>Andamia pacifica</i> | |
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| | Aerial respiration | 803886 | Distribution | 807945 |
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| | Aggressive behavior | 806601 | Gross external anatomy | 807945 |
| | Species recognition | 805592 | Distribution | 807945 |
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| Anarhichadidae | <i>Osphronemus goramy</i> | | Redescription | 807968 |
| | General structure and behavior | 806601 | Distribution | 807968 |
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| | Identification | | Redescription | 806137 |
| Blenniidae | Effect on fish | 808255 | Coloration | 806137 |
| | Prophylactic treatment | 808255 | <i>Aspidontus taeniatius</i> | |
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| | Blennioidei | | Mimicry | |
| | Relationships | 807262 | Function | |
| | | 807638 | Descriptive evolution | 808501 |
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| | Anatomy | | <i>Blennius</i> | |
| Anarhichadidae | Descriptive evolution | 807964 | Distribution | 805882 |
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| | Ciliata | | Sound production | 805535 |
| | Parasite systematics | 804882 | Optomotor response | 806339 |
| | Digenea | | <i>Blennius aurosplendendus</i> | |
| | Parasite systematics | 806417 | List of types | |
| | Distribution | 806559 | Iconotype | 805935 |
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| | Fecundity | 806559 | Meristics | 805882 |
| | Rate of growth | 806559 | Coloration | |
| | <i>Anarhichas lupus</i> | | Intraspecific variation | 805882 |
| | Meristics | | Habitat preference | 805882 |
| | Geographic variation | 806559 | <i>Blennius dalmatinus</i> | |
| | Ovarian cycles | 806559 | Identifying characters | 806594 |
| | Fecundity | 806559 | Redescription | 804715 |
| | Rate of growth | 806559 | Meristics | 804715 |
| | Copepoda | | | 805882 |
| | Parasite systematics | 807357 | Morphometrics | 804715 |
| | <i>Anarhichas minor</i> | | Coloration | 804715 |
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| | Incidence of infection | 807626 | | Circadian rhythms | |
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| | Habitat preference | 805656 | | Circadian rhythms | |
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| Description and occurrence | 808294 | Distribution | 807195 |
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| Intensity of infection | 807495 | Habitat preference | 807935 |
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| Feeding | 807227 | Gut contents | 807092 |
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| Larva | 808471 | <i>Tripterygion minutus</i> | |
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| | Identifying characters | 804502 | Mesopterygoid | |
| | Synonymy | 806282 | Anatomy | 808778 |
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| | Distribution of infection | 805470 | Descriptive evolution | 806945 |
| | Intensity of infection | 805470 | Axial skeletal muscles | |
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| Habitat preference | 807886 | <i>Tridentiger trigonocephalus</i> | | Vireosa |
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| <i>Rhinogobius brunneus</i> | | <i>Trimma</i> | | |
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| Intraspecific variation | | Anatomy | 805372 | |
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| | Convergence and parallelism | 807640 | Ion and water relationships | 804720 |
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| | Vertical distribution | 805111 | Sound production | 805535 |
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| Distribution | 807885 | Distribution | 807227 | |
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| <i>Hemipteronotus pentadactylus</i> | | Circadian rhythms | 807246 | |
| Coloration | 806781 | <i>Pseudolabrus japonicus</i> | | |
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| Synonymy | 808370 | <i>Tautoga onitis</i> | | |
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| | Incidence of infection | | Interspecific competition | 808794 |
| | Intensity of infection | 804490 | Activity patterns | 808794 |
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| | | 805646 | Change with age | 808604 |
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| | Cestoda | | Habitat preference | 807222 |
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| | Larva | 808139 | | Population changes |
| Micropterus | Circadian rhythms | | Micropterus salmoides | Retina |
| | Home range and homing | 808139 | | Experimental analysis |
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| Micropterus | Abnormality | 807781 | Micropterus salmoides | Yolk |
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| Micropterus | Herbicide pollutants | | Micropterus salmoides | Feeding |
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| | Herbicide pollutants | | | Computer analysis |
| Micropterus | Histology | 807781 | Micropterus salmoides | Reservoirs |
| | Abnormality | 807781 | | Habitat preference |
| Micropterus | Lethal environmental limits | | Micropterus salmoides | Introduction for fishery |
| | Fish control agents | | | Distribution within habitat |
| Micropterus | Experimental analysis | 808604 | Micropterus salmoides | Larva |
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| Micropterus | Lethal environmental limits | 807781 | Micropterus salmoides | Effect on fish |
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| Micropterus | Copepoda | | Micropterus salmoides | Fish control agents |
| | As food for fish | 804917 | | Anesthetics |
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| | Vertebrae | | | Activity patterns |
| Micropterus | Geographic variation | 807599 | Micropterus salmoides | Effect on fish |
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| Micropterus | ATP ase content and function | 806803 | Micropterus salmoides | Effect on fish |
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| Micropterus | Fecundity | 808568 | Micropterus salmoides | Interspecific competition |
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| Micropterus | Description and occurrence | | Micropterus salmoides | Monogenea |
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| Micropterus | Hiding | | | Population structure |
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| Micropterus | Experimental analysis | 807339 | | Availability and use of food |
| | Feeding captive fish | | Micropterus salmoides | Impoundment manipulation |
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| | Plankton | 807850 | Micropterus salmoides | Food chains |
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| Effect on fish | | Meristics | 807813 | |
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| Artificial rearing environments | 805555 | Artificial population manipulation | | |
| Artificial feeds and feeding | 808513 | Reservoirs | 806162 | |
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| Reservoirs | | Experimental analysis | 808604 | |
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| Lethal environmental limits | | Nervous electrophysiology | | |
| Experimental analysis | 808608 | Experimental analysis | 804273 | |
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| Experimental analysis | 808550 | Distribution | 807091 | |
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| Radioactive content | | Ultrastructure | 805005 | |
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| Liver | | National Museum, Ireland | 807133 | |
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| Developing egg | 806166 | Distribution | 805605 | |
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| Identifying characters | 807813 | Gut contents | 805605 | |
| Change with age | 808139 | <i>Ambassis ranga</i> | 806932 | |
| Locomotion | 806166 | Saccus vasculosus | | |
| Rate of growth | 806166 | Capillary systems | | |
| | 808796 | Anatomy | 806705 | |
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| Larva | 808139 | Anatomy | | |
| Vertical distribution | 808464 | Function | 806369 | |
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| Reservoirs | | Histology | 805417 | |
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| Intensity of infection | 803846 | Distribution | 809101 | |
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| Nematoda | | Digena | | |
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| Intensity of infection | 803846 | Distribution | 809101 | |
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| Availability and use of food | 806166 | | | |

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| | Artificial environmental limits | 807806 | Parasite systematics | 804823 |
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| | Descriptive evolution | 807964 | Cleaning symbiosis | 806677 |
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| | General embryology | 804553 | Distribution | 807945 |
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| | Change with age | 804000 | List of types | |
| | Seasonal abundance | 804000 | Museum National d'Histoire Naturelle | 805145 |
| | <i>Cepola</i> | | Museum | |
| | Ecology | 805234 | Broussonet Collection | 805145 |
| | <i>Cepola abbreviata</i> | | <i>Chaetodon rainfordi</i> | |
| | Coloration | | Colonization | 805401 |
| | Change with age | 804000 | <i>Chaetodon reticulatus</i> | |
| | Seasonal abundance | 804000 | List of types | |
| | <i>Cepola nungui</i> | | Museum National d'Histoire Naturelle | 805145 |
| | List of types | | Museum | |
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| Pigments | | Thyroid hormone | | |
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| Echeneidae | Parasite systematics | 806417 | Lethal environmental limits | 807806 |
| | Distribution | | Museum | |
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| | Gill arch teeth | | Intensity of infection | 804494 |
| | Anatomy | | Copepoda | |
| | Descriptive evolution | 807964 | Incidence of infection | 803779 |
| | Distribution | | Intensity of infection | 803779 |
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| | Habitat preference | 807885 | Distribution | 807227 |
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| Grammistidae | Morphometrics | 807969 | Fish communities | 806740 |
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| Grammistidae | Protein content | 805653 | Biochemistry | 805653 |
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| | Distribution | 807091 | Protein content | 805653 |
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| Activity patterns | | Feeding | 807233 | |
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| Lutjanidae | Distribution | 807014 | Coral reef | 805226 |
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| Activity patterns | | Feeding | 808465 | Monodactylidae |
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| Gut contents | 808465 | As commensal | | |
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| Cestoda | | Weight length relationship | 805364 | |
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| Naïve responses to stimuli | | Anatomy | 804895 | |
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| Anatomy | 807964 | Host parasite interactions | 805547 | |
| <i>Pristipomoides typus</i> | | Parasite systematics | 806760 | |
| Redescription | 804214 | Cestoda | | |
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| Popular names | 808493 | Nematoda | | |
| General structure and behavior | 808493 | Incidence of infection | | |
| Weight length relationship | 808409 | Distribution of infection | 805470 | |
| Distribution | 804214 | Intensity of infection | 805470 | |
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| Coloration | 807241 | Change with age | 807979 | |
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| Salinity | 808020 | Relationships | 806421 | |
| Mullidae | | Miocene | 806421 | |
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| Digenea | | Axial skeletal muscles | | |
| Distribution of infection | 805473 | Seasonal changes | | |
| Incidence of infection | | Biochemistry | 803870 | |
| Host parasite interactions | 805551 | Telencephalon | | |
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| Distribution | 804215 | Function | 804563 | |
| | 807014 | Vertical distribution | 807995 | |
| | 807945 | Digenea | | |
| Larva | 808494 | Host parasite interactions | 805547 | |
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| Axial skeletal muscles | | Parasite systematics | 805861 | |
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| Habitat preference | 806781 | Hemoglobin | 805728 | |
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| | Habitat preference | 807935 | Anatomy | 807964 |
| Nandidae | <i>Pseudupeneus chrysopleuron</i> | | Gill arch teeth | |
| | Distribution | 808473 | Anatomy | 807964 |
| | Larva | 808982 | <i>Polycentropsis</i> | |
| | <i>Pseudupeneus cyclostomus</i> | | Gill arches | |
| Nemipteridae | Digenea | | Anatomy | 807964 |
| | Distribution of infection | 805473 | Gill arch teeth | |
| | <i>Pseudupeneus maculatus</i> | | Anatomy | 807964 |
| | Habitat preference | 807885 | <i>Polycentrus schomburgki</i> | |
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| | <i>Upeneoides vittatus</i> | | Gill arches | |
| | Vertical distribution | 808591 | Anatomy | 807964 |
| Pempheridae | <i>Upeneus</i> | | Gill arch teeth | |
| | Gut contents | 808576 | Anatomy | |
| | <i>Upeneus bensasi</i> | | Descriptive evolution | 807964 |
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| | Anatomy | | Nemipteridae | |
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| | <i>Upeneus biaculeatus</i> | | | 808494 |
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| | Protein content | 805653 | Reproductive season | 808576 |
| | Lipid and fatty acid content | 805653 | Seasonal abundance | 808591 |
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| | Seasonal abundance | 805205 | <i>Oplegnathus fasciatus</i> | |
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| | Lactate dehydrogenase | 803619 | <i>Toxotes jaculatrix</i> | |
| | Protogynous hermaphroditism | 805663 | Monogenea | |
| | <i>Stenotomus chrysops</i> | | Parasite systematics | 804823 |
| | Gills | | Shooting and jetting for food | 805889 |
| | Surface volume relationship | | Polynemoidei | |
| | Change with age | 807351 | Key | 808135 |
| | Age at maturity | 807562 | Meristics | 804280 |
| | Rate of growth | 807558 | Distribution | 804280 |
| | Monogenea | | Seasonal abundance | 808494 |
| | Parasite life history | 804362 | Reproductive season | 808407 |
| | Distribution | | Length frequency | 804280 |
| | Juvenile | 806950 | Reproductive season | 808577 |
| | Reproductive season | 807558 | Seasonal abundance | |
| | | 807562 | Larva | 808577 |
| | <i>Stenotomus versicolor</i> | | Gut contents | 804280 |
| | Otoliths | | | 806763 |
| | Ultrastructure | | <i>Eleutheronema tetradactylus</i> | |
| | Function | 803878 | Pelvic fins | |
| | Development | 803878 | Abnormality | 804463 |
| | Biochemistry | | Rate of growth | |
| | Function | 803878 | Change with age | 807536 |
| | Development | 803878 | Distribution | 807752 |
| Theraponidae | Key | 807241 | Gut contents | 808579 |
| | Coloration | 807241 | Change with age | |
| | Distribution | 807241 | <i>Galeoides decadactylus</i> | |
| | | 808494 | Fish communities | 806740 |
| | Larva | 808982 | Vertical distribution | 806739 |
| | Gut contents | 808579 | Seasonal abundance | 806120 |
| | <i>Bitydianus bitydianus</i> | | Habitat preference | 808019 |
| | Scales | | Salinity | 808020 |
| | Identification | 808628 | <i>Pentaneumus quinquarius</i> | |
| | <i>Madigania unicolor</i> | | Fish communities | 806740 |
| | Scales | | <i>Polydactylus</i> | |
| | Identification | 808628 | Key | 808135 |
| | <i>Pelates</i> | | <i>Polydactylus indicus</i> | |
| | Ion and water relationships | | Nematoda | |
| | Salinity | | Incidence of infection | 807136 |
| | Experimental analysis | 804124 | <i>Polydactylus octonemus</i> | |
| | <i>Pelates quadrilineatus</i> | | Seasonal abundance | 805068 |
| | Sound production | 807241 | <i>Polydactylus paradiseus</i> | |
| | <i>Therapon</i> | | Sex ratio | 804280 |
| | Identifying characters | 807241 | <i>Polydactylus plebeius</i> | |
| | Key | 807241 | Visceral skeleton | |
| | <i>Therapon alligatoris</i> | | Urohyal | |
| | Invalidation | 806655 | Anatomy | |
| | List of types | | Identification | 807307 |
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| Biochemistry | 805002 | <i>Euthynnus yaito</i> | | |
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| Glucosidase | | Thiaminase | 805640 | |
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| Biochemistry | 805505 | Nematoda | | |
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| Larva | 804893 | Abnormality | 807605 | |
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| Interspecific competition | | Hyaluronidase | | |
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| Computer analysis | | Enzymology | | |
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| Fishing mortality | 803621 | Digena | | |
| | 808278 | Distribution of infection | 805489 | |
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| | Intensity of infection | 805472 | Biochemistry | |
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| | Biochemistry | | Seasonal changes | 805664 |
| | Mineral content | 806577 | Juvenile | 806950 |
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| | Incidence of infection | 808731 | Larva | 808143 |
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| | Feeding | 805422 | Seasonal abundance | 806942 |
| | Experimental analysis | 807282 | | 808183 |
| | Reproduction | 803784 | Group behavior | 805995 |
| | Archaeological data | 804709 | Natural mortality | 808187 |
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| | Biochemistry | 809015 | Histology | 808339 |
| | Immunological analysis | 808776 | Sperm | |
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| | Oxidative metabolism | | Cytology | 808185 |
| | Biochemistry | 803619 | Monogenea | |
| | Brain | | Parasite life history | 804362 |
| | Allometry | | Digena | |
| | Weight length relationship | 805364 | Parasite systematics | 804451 |
| | Growth hormone | | Cestoda | |
| | Protein specificity | | Parasites shared with man | |
| | Experimental analysis | 805151 | Experimental analysis | 807384 |
| | Descriptive evolution | 805151 | Distribution | 809101 |
| | Gills | | Age class distribution | 808187 |
| | Anatomy | 804895 | Length frequency | 806942 |

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| Fishing mortality | 808187 | | 808364 | to |
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| Seasonal abundance | 806215 | Experimental analysis | 806312 | |
| | 808147 | Gills | | |
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| Feeding | | Anatomy | 805213 | |
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| Group effect | 801967 | Intraspecific variation | | |
| Gut contents | 806419 | Biochemistry | 805002 | |
| Seasonal changes | 808147 | Ovarian cycles | 808279 | |
| Habitat preference | 808963 | Testicular cycles | 808473 | |
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| Identification | 808723 | Rate of growth | 805654 | |
| Migrations | 806738 | | 806478 | |
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| Experimental analysis | 804318 | Morphometrics | 807306 | |
| | 804319 | Distribution within habitat | 803739 | |
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| Experimental analysis | 807283 | Circadian rhythms | 807782 | |
| | 807284 | Temperature | | |
| Regulation of catch | 804924 | Description and occurrence | 803739 | |
| Sonar observation | | Effect on fish | | |
| Vertical distribution | 808001 | Description and occurrence | 805498 | |
| <i>Thunnus alalunga</i> | | Gas transport by blood | 806664 | |
| Meristics | 808147 | Seasonal abundance | 805498 | |
| | 808364 | Habitat preference | | |
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| | 808147 | Effect on fish | | |
| Hemoglobin | | Schooling | 807782 | |
| Intraspecific variation | | Fishing gear selectivity | 807782 | |
| Biochemistry | 805002 | Transparency | | |
| Polymorphism | 805002 | Habitat preference | 808282 | |
| Sexually dimorphic size | 808652 | Oxygen | | |
| Larva | | Lethal environmental limits | | |
| Anatomy | 808144 | Description and occurrence | 808282 | |
| Rate of growth | 807190 | Monogenea | | |
| | 808654 | Incidence of infection | | |
| Sex ratio | 808652 | Parasite systematics | 804226 | |
| Geographic variation | 808002 | Digena | | |
| Nematoda | | Incidence of infection | | |
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| | 807031 | As predator | 807131 | |
| | 807189 | Distribution | 807030 | |
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| Larva | 806745 | | 804893 | |
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| | | 805922 | Temperature | 803720 |
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| | | 808282 | Protein content | |
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| | Light | 807782 | Polymorphism | 805002 |
| | Migrations | 805922 | Vertical distribution | 807753 |
| | | 807189 | Circadian rhythms | 807782 |
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| | Fishing methods | | Axial skeletal muscles | 803720 |
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| | Fishing gear selectivity | | Effect on fish | |
| | Age class distribution | 808281 | Schooling | 807782 |
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| | | 804626 | Distribution | 807031 |
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| | Population density | 808280 | | |
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| | Biochemistry | 803962 | Distribution | 806242 |
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| Distribution of infection | 805537 | Redefinition | 808135 | |
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| Invalidation | 804284 | Distribution of infection | 805537 | |
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| Meristics | 804284 | Intensity of infection | 804887 | |
| Morphometrics | 805476 | Distribution | 807752 | |
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| Function | 804932 | Distribution | 807227 | |
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| Habitat preference | 808982 | Protein content | 805653 | |
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| | Habitat preference | | Function | 803878 |
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| | Distribution | 809101 | Function | 803878 |
| | Avoidance responses | | Development | 803878 |
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| | <i>Sphyracna japonica</i> | | Key | 804850 |
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| | Identification | 807307 | Development | 803878 |
| | Axial skeletal muscles | | Biochemistry | |
| | Biochemistry | | Function | 803878 |
| | Mineral content | 806577 | Development | 803878 |
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| | Habitat preference | 805206 | <i>Centrolophus maoricus</i> | |
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| | Monogenea | | As commensal | 804850 |
| | Incidence of infection | 803979 | Distribution | 804850 |
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| | <i>Sphyracna picuda</i> | | Meristics | 808477 |
| | Distribution | 807091 | Distribution | 808477 |
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| | <i>Sphyracna pinguis</i> | | Relationships | 807700 |
| | Synonymy | 808135 | <i>Hyperglyphe japonica</i> | |
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| | Protease | | Urohyal | |
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| | Distribution | 808135 | Migrations | 809100 |
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| | Habitat preference | 808019 | Surface volume relationship | |
| | Salinity | 808020 | Change with age | 807351 |
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| | Distribution | 806282 | Distribution of infection | 805473 |
| | Expansion of range by natural means | 808351 | Cestoda | |
| | Hydrodynamics | 807979 | Distribution of infection | 805473 |
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| Stromateoidei | | | Meristics | 808477 |
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| | New genus | 806816 | Invalidation | 805977 |
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| | Distribution | 805212 | Meristics | 807751 |
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| | Meristics | 805212 | <i>Schedophilus</i> | |
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| | Distribution | 807523 | <i>Schedophilus huttoni</i> | |
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| | | | Distribution | 805339 |
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| Change with age | 806775 | Development | 803878 | Stromateidae |
| Distribution | 806775 | Biochemistry | | |
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| Identifying characters | 805040 | Gills | | |
| Popular names | 805040 | Surface volume relationship | | |
| Distribution | 805039 | Change with age | 807351 | |
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| Nomeidae | | Monogenea | | |
| Distribution | 807752 | Parasite life history | 804362 | |
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| <i>Cubiceps</i> | | Juvenile | 806950 | |
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| Biochemistry | | Regeneration | 807975 | |
| Function | 803878 | <i>Stromateus fiatola</i> | | Cheimarrichthyidae |
| Development | 803878 | Hydrodynamics | 807979 | |
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| Distribution | 804194 | Ultrastructure | 803878 | Chiasmodontidae |
| | 805867 | Function | 803878 | |
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| Weight length relationship | 808409 | Biochemistry | | |
| Vertical distribution | 808581 | Function | 803878 | |
| <i>Cubiceps nigriargenteus</i> | | Development | 803878 | |
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| Otoliths | | Larva | 808314 | |
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| Development | 803878 | Trachinoidei | | |
| Biochemistry | | Relationships | 807262 | |
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| Development | 803878 | Anatomy | | |
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| <i>Psenes rotundus</i> | | Anatomy | 807638 | |
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| Urohyal | | Gut contents | 808715 | |
| Anatomy | | Habitat preference | 807188 | |
| Identification | 807307 | | 807233 | |
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| Ultrastructure | | Digenea | | |
| Function | 803878 | Incidence of infection | | |
| Development | 803878 | Intensity of infection | 807495 | |
| Biochemistry | | Nematoda | | |
| Function | 803878 | Incidence of infection | | |
| Development | 803878 | Intensity of infection | 807495 | |
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| Distribution | | Distribution | 808409 | |
| Larva | 808982 | <i>Champsodon</i> | | |
| <i>Peprilus alepidotus</i> | | Distribution | 805476 | |
| Gills | | <i>Champsodon capensis</i> | | |
| Surface volume relationship | | Distribution | 808576 | |
| Change with age | 807351 | <i>Champsodon snyderi</i> | | |
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| Coelenterata | | Temperature | 804801 | |
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| Monogenea | | <i>Cheimarrichthys fosteri</i> | | |
| Parasite life history | 804362 | Distribution | 804901 | |
| Seasonal abundance | 808873 | Chiasmodontidae | | |
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| Skin | | <i>Alepisaurus ferox</i> | | |
| Protection from nematocysts | 807872 | As predator | 806067 | |
| Distribution within habitat | | Population changes | | |
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| As shelter for fish | 807872 | Distribution | 806736 | |
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| <i>Peprilus similimus</i> | | Vertical distribution | 806736 | |
| Coloration | 807886 | Distribution | 806736 | |

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| Chiasmodontidae (continued) | <i>Kali</i> | | <i>Trachinus vipera</i> | |
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| | Synonymy | 807601 | Ion and water relationships | |
| | Key | 807601 | Experimental analysis | 804191 |
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| Creediidae | Invalidation | 807601 | Metencephalon | |
| | <i>Creedia haswelli</i> | | Histology | |
| Dactyloscopidae | Redescription | 804850 | Function | 804563 |
| | Synonymy | 804850 | Larva | 805664 |
| | Distribution | 804850 | Trichodontidae | |
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| Mugiloididae | Dactyloscopidae | 807885 | Visceral skeleton | |
| | Habitat preference | | Urohyal | |
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| | Meristics | 807571 | Identification | 807307 |
| Opistognathidae | Morphometrics | 807571 | Habitat preference | |
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| | Distribution | 807571 | <i>Limnichthys fasciatus</i> | |
| | | | Gross external anatomy | 808009 |
| Percophidae | Mugiloididae | | Uranoscopidae | |
| | Relationships | 807638 | Distribution | 808409 |
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| | Anatomy | 807638 | Anatomy | |
| Trachinidae | Distribution | 808494 | Function | 809085 |
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| | <i>Chilias snyderi</i> | | Nose | |
| | Seasonal abundance | 805206 | Anatomy | |
| Trichodontidae | <i>Paraperichthys colias</i> | | Descriptive evolution | 808467 |
| | Habitat preference | 807237 | <i>Astrosopus ygraecum</i> | |
| | <i>Paraperichthys hexophthalma</i> | | Seasonal abundance | 805068 |
| | Coloration | 806781 | | 808873 |
| Uranoscopidae | Habitat preference | 806781 | <i>Ichthyoscopus lebeck</i> | |
| | <i>Paraperichthys pulchella</i> | | Distribution | 808494 |
| | Habitat preference | 805205 | <i>Kathetostoma</i> | |
| | <i>Paraperichthys sexfasciata</i> | | Distribution | 805040 |
| Pleuronectiformes | Jaw muscles | | <i>Kathetostoma averruncus</i> | |
| | Anatomy | | Coloration | 807997 |
| | Function | 807262 | Distribution | 807997 |
| | Descriptive evolution | 807262 | | 808715 |
| | <i>Paraperichthys somaliensis</i> | | Gut contents | 807997 |
| | Gross external anatomy | 808009 | <i>Uranosopus</i> | |
| | Distribution | 808009 | Gills | |
| | Opistognathidae | | Anatomy | 804895 |
| | Habitat preference | 807885 | <i>Uranosopus albens</i> | |
| | <i>Opistognathus aurifrons</i> | | Identifying characters | |
| | Aggressive behavior | 807245 | Otoliths | 806753 |
| | <i>Opistognathus cuvieri</i> | | Fish communities | 806740 |
| | Distribution | 807885 | <i>Uranosopus cadenati</i> | |
| | <i>Tandya</i> | | Identifying characters | |
| | Key | 804302 | Otoliths | 806753 |
| | <i>Tandya darwiniensis</i> | | <i>Uranosopus kaianus</i> | |
| | Validation | 804302 | List of types | |
| | Habitat preference | 804302 | National Museum, Ireland | 807133 |
| | <i>Tandya reticulata</i> | | <i>Uranosopus oligolepis</i> | |
| | New species | 804302 | Distribution | 808494 |
| | Percophidae | | Larva | 808982 |
| | Distribution | 808409 | <i>Uranosopus scaber</i> | |
| | <i>Bembrops anatrostris</i> | | Popular names | 806282 |
| | Distribution | 809101 | Myodome | |
| | <i>Bembrops caudimaculata</i> | | Anatomy | |
| | Vertical distribution | 808581 | Function | 804932 |
| | Distribution | | Telencephalon | |
| | Larva | 807694 | Anatomy | 804562 |
| | <i>Bembrops heterurus</i> | | Metencephalon | |
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| | Trachinidae | | Function | 804563 |
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| | Locomotion | | Change with age | 805728 |
| | Vertebrae | | Vertical distribution | 807995 |
| | Descriptive evolution | 806945 | Digenea | |
| | Axial skeletal muscles | | Parasite systematics | 806417 |
| | Descriptive evolution | 806945 | | 806760 |
| | <i>Trachinus</i> | | Nematoda | |
| | Fishing gear selectivity | | Incidence of infection | |
| | Trawling | | Distribution of infection | 805470 |
| | Experimental analysis | 805902 | Intensity of infection | 805470 |
| | <i>Trachinus armatus</i> | | Distribution | 806282 |
| | Identifying characters | | Seasonal abundance | |
| | Otoliths | 806753 | Larva | 807079 |
| | <i>Trachinus draco</i> | | Hydrostatics | |
| | Popular names | 806282 | Change with age | 807979 |
| | Gills | | Hydrodynamics | 807979 |
| | Anatomy | 804895 | Optomotor response | 806339 |
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| | Change with age | 805728 | Pleuronectiformes | |
| | Distribution | 806282 | Relationships | 807262 |
| | Hydrostatics | | | 808003 |
| | Change with age | 807979 | Caudal skeleton | |
| | Hydrodynamics | 807979 | Anatomy | |
| | Myxosporidiosis | 805466 | Descriptive evolution | 807262 |
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| | Identifying characters | | Chemical senses | 804972 |
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| Distribution | | Anatomy | |
| Larva | 808653 | Function | 804723 |
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| Protein specificity | | Anatomy | |
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| Fishing gear selectivity | 804972 | Anatomy | 804562 |
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| Experimental analysis | 804972 | Distribution | |
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| Paralichthyidae | | Meristics | 808003 |
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| Bothidae | | Sexual dimorphism | 808003 |
| Relationships | 808003 | <i>Arnoglossus scapha</i> | |
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| Key | 807060 | Distribution | 807069 |
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| Popular names | 807069 | Seasonal abundance | |
| Meristics | 808003 | Larva | 807078 |
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| Biochemistry | 804476 | <i>Bothus pantherinus</i> | |
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| Intensity of infection | 805470 | Corpuscles of Stannius | |
| Distribution | 804261 | Anatomy | |
| | 806740 | Histology | 805149 |
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| | 808409 | Function | 805149 |
| | 808494 | Juxtaglomerular apparatus | |
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| Larva | 807694 | Function | 805149 |
| Juvenile | 806950 | <i>Citharichthys spilopterus</i> | |
| Population changes | | Identifying characters | 806778 |
| Larva | 808314 | Meristics | 806778 |
| Seasonal abundance | 805068 | Morphometrics | 806778 |
| | 805206 | Oral teeth | 806778 |
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| Feeding | 804332 | Parasite systematics | 803738 |
| Gut contents | 806763 | <i>Citharichthys stamplfi</i> | |
| | 807997 | Habitat preference | 808019 |
| | 808715 | Salinity | 808020 |
| Habitat preference | 807885 | Seasonal abundance | 806120 |
| Protozoan diseases | | <i>Citharichthys stigmaeus</i> | |
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| <i>Ancylosetta quadricellata</i> | | Incidence of infection | |
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| Bothidae (continued) | Distribution | 807227 | Gills | |
| | Population changes | 808715 | Surface volume relationship | |
| | Habitat preference | 807233 | Change with age | 807351 |
| | Organic pollutants | | Distribution within habitat | |
| | Sublittoral zone | 808715 | Larva | 806652 |
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| New species | 808003 | | Incidence of infection | 807412 |
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| Sexual dimorphism | 808003 | | Measuring larval abundance | 806653 |
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| New genus | 808003 | | Erythrocytes | |
| Relationships | 808003 | | Ion and water relationships | |
| Morphometrics | 808003 | | Experimental analysis | 803718 |
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| Identifying characters | 804516 | | Larva | 806653 |
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| Synonymy | 804517 | | Effect on fish | |
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| <i>Lioglossina</i> | | | Distribution of infection | 805489 |
| Key | 808610 | | Population density | 806497 |
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| New species | 808610 | | Visceral skeleton | |
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| Identifying characters | 807069 | | Anatomy | |
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| Larva | 806652 | | <i>Pseudorhombus duplocellatus</i> | |
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| | 807426 | | Parasite systematics | 803976 |
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| Experimental analysis | | Morphometrics | 806892 | |
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| Cynoglossidae | | Key | 807069 | Pleuronectidae |
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| Digena | | LDH isoenzymes | | Pleuronectidae |
| Parasite systematics | 803977 | Biochemistry | | |
| Distribution | 808494 | Descriptive evolution | 804477 | Pleuronectidae |
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| Nematoda | | Descriptive evolution | 804476 | |
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| <i>Cynoglossus</i> | | Anatomy | | |
| Jaws | | Identification | 807307 | Pleuronectidae |
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| Gut contents | 808576 | As predator | 804065 | |
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| Atheresthes to Lepidopsetta | Descriptive evolution | 806945 | Experimental analysis | 807914 |
| | Axial skeletal muscles | | Salinity | |
| | Descriptive evolution | 806945 | Experimental analysis | 807914 |
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| | Swimming endurance | 804968 | Effect on fish | |
| | Feeding | 804332 | Developing egg | 808867 |
| | Gut contents | 808715 | Salinity | |
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| | Temperature | 809100 | Developing egg | 808867 |
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| | Protozoan diseases | | Coloration | 805022 |
| | Cryptocaryoniasis | | Sexually dimorphic size | 807417 |
| | Genetic disease resistance | 808732 | Vertical distribution | |
| | Sampling in fisheries | | Seasonal changes | 807423 |
| | Maximum yield | | Sporozoa | |
| | Standing crop | 807470 | Incidence of infection | 807412 |
| | Habitat destruction | 807198 | Digena | |
| | Trawling | | Distribution of infection | 805489 |
| | Experimental analysis | 806333 | Nematoda | |
| <i>Atheresthes stomas</i> | | | Distribution of infection | 805489 |
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| Copepoda | | | Distribution of infection | 805489 |
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| Seasonal changes | | 808717 | Avoidance responses | |
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| Distribution | | 808494 | Migrations | 807423 |
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| Coloration | | | Maximum yield | 807417 |
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| Juxtaglomerular apparatus | | | | 808126 |
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| Function | | 805149 | Hemoglobin | |
| Fecundity | | 807904 | Geographic variation | 807497 |
| Developing egg | | 807904 | Geographic variation | |
| Age at maturity | | 807904 | Serum transferrin | |
| Life span | | 807904 | Population genetics | 807497 |
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| Change with age | | | Neoplastic diseases | |
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| Temperature | | | History of fisheries | 803538 |
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| Developing egg | | 808867 | Fishing gear selectivity | |
| Salinity | | | Maximum yield | |
| Effect on fish | | | Experimental analysis | 808161 |
| Developing egg | | 808867 | Recruitment | 808159 |
| Population changes | | 807914 | Regulation of catch | 806496 |
| Reproductive season | | 807904 | Marking and tagging | |
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| Change with age | | 807904 | Experimental analysis | 808162 |
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| Migrations | | 807904 | Coloration | 807886 |
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| <i>Glyptocephalus cynoglossus</i> | | | Identifying characters | 807904 |
| Retina | | | Fecundity | 807904 |
| Histology | | | Life span | 807904 |
| Function | | 807374 | Gut contents | |
| Interspecific competition | | 808140 | Change with age | 807904 |
| Gut contents | | | <i>Kareius bicoloratus</i> | |
| Seasonal changes | | | Vertebrae | |
| Change with age | | 808140 | Change with age | |
| Geographic variation | | 808140 | Anatomy | 804798 |
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| Hydrogen ion concentration | | | Hemodynamics | |
| Labyrinth | | | Function | 807303 |
| Blood and lymph | | 808476 | Experimental analysis | 807303 |
| <i>Hippoglossoides elassodon</i> | | | Bacteria | |
| Skin | | | As commensal | |
| Larva | | | Skin | 804804 |
| Histology | | 806455 | Gills | 804804 |
| Ultrastructure | | 806455 | Intestine | 804804 |
| Scales | | | Seasonal abundance | 805206 |
| Ultrastructure | | 803577 | <i>Lepidopsetta bilineata</i> | |
| Development | | 803683 | Identifying characters | 807904 |
| Egg size | | 803577 | Nitrogen metabolism | 806617 |
| Developing egg | | | Fecundity | 807904 |
| Change with age | | 808867 | Developing egg | 807904 |

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| Larva | | <i>Lyopsetta pinnifasciata</i> | | Pleuronectidae (continued) |
| Change with age | 807904 | Coloration | | |
| Age at maturity | 807904 | Peritoneum | | |
| Life span | 807904 | Axial gradients | 807220 | |
| Rate of growth | 807906 | <i>Microstomus kitt</i> | | |
| Digena | | Stomach | | |
| Incidence of infection | | Histamine content | | |
| Intensity of infection | 807495 | Biochemistry | 809016 | Limanda to Platicthys |
| Cestoda | | Ovarian endocrine tissue | | |
| Incidence of infection | | Biochemistry | | |
| Intensity of infection | 807495 | Histology | 805186 | |
| Nematoda | | Interstitial tissue | | |
| Incidence of infection | | Histology | | |
| Intensity of infection | 807495 | Biochemistry | 805186 | |
| Population changes | 807914 | Interspecific competition | 808140 | |
| Density dependent regulation | 807906 | Feeding | 806555 | |
| Age class distribution | 807906 | <i>Microstomus pacificus</i> | | |
| Gut contents | 807906 | Mineral content | | |
| Change with age | 807904 | Zinc | 807349 | |
| History of fisheries | 803538 | Gut contents | | |
| Natural mortality | 807906 | Seasonal changes | 808717 | |
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| Biochemistry | 807280 | Ion and water relationships | | |
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| | 808867 | Ultrastructure | 804509 | |
| Geographic variation | | Biochemistry | 809064 | |
| Age length relationship | 804116 | Juxtaglomerular apparatus | | |
| Age class distribution | 807907 | Ultrastructure | 803620 | |
| History of fisheries | 803538 | Function | 803620 | |
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| Arterial system | | | 805946 | |
| Anatomy | 807296 | | 805947 | |
| Retina | | Developing egg | 807904 | |
| Histology | | Larva | | |
| Function | 807374 | Change with age | 807904 | |
| Sexually dimorphic size | 807860 | Age at maturity | 807904 | |
| Digena | | Life span | 807904 | |
| Distribution of infection | 805489 | Rate of growth | 805944 | |
| Acanthocephala | | | 805945 | |
| Distribution of infection | 805489 | | 805946 | |
| <i>Limanda herzensteini</i> | | | 805947 | |
| Axial skeletal muscles | | Intraspecific variation | | |
| Biochemistry | | Populations | 806195 | |
| Mineral content | 806577 | Length frequency | 806195 | |
| <i>Limanda limanda</i> | | Neoplastic diseases | | |
| Relationships | 808378 | Digena | | |
| Oxygen consumption | | Incidence of infection | | |
| Temperature | | Intensity of infection | 807495 | |
| Experimental analysis | 804473 | Nematoda | | |
| Chemical senses | | Incidence of infection | | |
| Feeding | 804332 | Host parasite interactions | 808739 | |
| Visual senses | | Populations | 805942 | |
| Feeding | 804332 | | 805944 | |
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| Experimental analysis | 804473 | Migrations | 805942 | |
| Cestoda | | | 805943 | |
| Host parasite interactions | 806261 | | 805944 | |
| Avoidance responses | 806327 | | 807904 | |
| Trawling | | Neoplastic diseases | | |
| Experimental analysis | 806330 | Microsporidiosis | 806073 | |
| <i>Limanda limanda</i> X | | Papilloma | | |
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| Subspecies | 806655 | Histology | 807483 | |
| List of types | | Natural mortality | 805945 | |
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| <i>Limanda schrenki</i> | | Organic pollutants | | |
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| Peritoneum | | Salinity | | |
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| Population changes | 808715 | Popular names | 806282 | |

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| Pleuronectidae (continued) | Oxygen consumption | 804928 | Habitat destruction | 806844 |
| | Ion and water relationships | | Habitat pollution | |
| Platichthys | Gills | | Brackish environment | 808751 |
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| Habitat preference | 808300 | Acanthocephala | | |
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| Acclimation | | | <i>Cottocomphorus comephoroides</i> | | |
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| Habitat preference | 806855 | | <i>Cottocomphorus grewingi</i> | | |
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| | Identifying characters | 807418 | Icelidae | | |
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| | Egg | | Corpuscles of Stannius | | |
| | Distribution | 804888 | Anatomy | | |
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| | Distribution | 805339 | Ultrastructure | | 805149 |
| | <i>Cyclopterus</i> | | Function | | 805149 |
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| | Descriptive evolution | 807262 | <i>Artediellus pacificus</i> | | |
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| | Experimental analysis | 806368 | Distribution | | 808476 |
| | Coloration | 805022 | <i>Elanura forficata</i> | | |
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| | Histology | | University of Oslo | | 806655 |
| | Function | 807374 | <i>Hemilepidotus</i> | | |
| | Ciliata | | Distribution | | |
| | Parasite systematics | 804882 | Larva | | 808471 |
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| | As predator | 805518 | Distribution | | |
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| | Gut contents | 805022 | <i>Hemilepidotus hemilepidotus</i> | | |
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| | Fecundity | 807553 | Incidence of infection | | 807390 |
| | Permanent sexual coloration | 807553 | <i>Hemilepidotus jordani</i> | | |
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| | Reproductive season | 807553 | Larva | | 808982 |
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| University of Oslo | 806655 | Biochemistry | 805508 | | |
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| | Adaptive evolution | 805735 | Vertical distribution | 808591 |
| Synbranchidae | <i>Monopterus albus</i> | | <i>Balistes capricus</i> | |
| | Hermaphroditic gonads | | Oral teeth | 808643 |
| | Estrogens | | Rate of growth | 808154 |
| Synbranchidae | Experimental analysis | 804548 | Distribution | 807995 |
| | Androgens | | Expansion of range by natural means | 808351 |
| | Experimental analysis | 804548 | Home range and homing | 808351 |
| Synbranchidae | Population changes | 808630 | Marking and tagging | 808154 |
| | <i>Monopterus helvolus</i> | | <i>Balistes conspicillum</i> | |
| | List of types | | Feeding captive fish | 805669 |
| Synbranchidae | Iconotype | 805935 | <i>Balistes crassidens</i> | |
| | <i>Ophicardium xanthognathus</i> | | Oral teeth | 808643 |
| | List of types | | Miocene | 808643 |
| Synbranchidae | Iconotype | 805935 | <i>Balistes forcipatus</i> | |
| | <i>Synbranchus marmoratus</i> | | Fish communities | 806740 |
| | Population structure | 806129 | <i>Balistes hihi</i> | |
| Synbranchidae | Habitat preference | 804058 | List of types | |
| | | 806670 | Iconotype | 805935 |
| | | | <i>Balistes lerchei</i> | |
| Tetraodontiformes | Locomotion | | Oral teeth | 808643 |
| | Descriptive evolution | 807013 | Miocene | 808643 |
| | Habitat preference | | <i>Balistes vetula</i> | |
| Balistidae | Young | 807210 | Erythrocytes | |
| | Relationships | 807262 | Cytology | 807814 |
| | Coloration | | Hemoglobin | 807814 |
| Balistidae | Function | | <i>Brachaluteres ulvarum</i> | |
| | Descriptive evolution | 804964 | Tetraodontidae | |
| | Caudal skeleton | | Food chains | 805205 |
| Balistidae | Anatomy | | Habitat preference | 805205 |
| | Descriptive evolution | 807262 | <i>Brachaluteres wolfei</i> | |
| | Eye | | New species | 804301 |
| Balistidae | Spatial orientation | | Relationships | 804301 |
| | Experimental analysis | 805688 | <i>Chaetoderma spinosissima</i> | |
| | Oral teeth | 804301 | Redescription | 806668 |
| Balistidae | Histology | | Distribution | 806668 |
| | Function | 803836 | <i>Melichthys niger</i> | |
| | Development | 804143 | Aggressive behavior | 805996 |
| Balistidae | Development | 804344 | Courtship | 805996 |
| | Gill arch teeth | | <i>Melichthys ringens</i> | |
| | Anatomy | | Museum | |
| Balistidae | Descriptive evolution | 807964 | Broussonet Collection | 805145 |
| | Coral reef | | <i>Monacanthus</i> | |
| | Effect on fish | | Intestine | |
| Balistidae | Evolutionary adaptation | 804964 | Ion and water relationships | |
| | Distribution | 804215 | Experimental analysis | 804124 |
| | | 808473 | Distribution | |
| Balistidae | | 808494 | Larva | 806633 |
| | | 808873 | <i>Monacanthus cirrhifer</i> | |
| | Larva | 807694 | ATP ase content and function | |
| Balistidae | | 808653 | Gills | |
| | | 808982 | Ion and water relationships | 804908 |

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| Visceral skeleton | | <i>Allomycterus jaculiferus</i> | | Diodontidae |
| Urohyal | | Copepoda | | |
| Anatomy | | Parasite systematics | 803951 | |
| Identification | 807307 | <i>Allomycterus whiteleyi</i> | | Molidae |
| Axial skeletal muscles | | Habitat preference | 807237 | |
| NAD | | <i>Chilomycterus affinis</i> | | |
| Enzymology | | Distribution | | |
| Biochemistry | 805508 | Larva | 808982 | Ostraciidae |
| Heart | | <i>Chilomycterus antennatus</i> | 806740 | |
| Experimental analysis | | Fish communities | | |
| Muscular electrophysiology | 805525 | <i>Chilomycterus antillarum</i> | | |
| Maintenance energy requirements | 805430 | Distribution | 809101 | |
| Adlibitum food capacity | 805430 | <i>Chilomycterus schoepfi</i> | | |
| Rate of growth | | Oculomotor nerve | | |
| Experimental analysis | 805503 | Ultrastructure | 806102 | |
| Circadian rhythms | | Synapses | | |
| Experimental analysis | 805502 | Ultrastructure | 808774 | |
| Water movement | | Experimental analysis | 808774 | |
| Seasonal abundance | 809100 | CNS integration | | |
| Length frequency | | Experimental analysis | 806102 | |
| Seasonal changes | 805205 | Gills | | |
| Seasonal abundance | 805205 | Surface volume relationship | | |
| Feeding | | Change with age | 807351 | |
| Change with age | 805205 | Seasonal abundance | 808873 | |
| Mass mortalities | 809100 | Fish control agents | | |
| <i>Monacanthus hispidus</i> | | Antimycin | | |
| Temperature | | Lethal environmental limits | 807806 | |
| Acclimation | | <i>Cyclichthys orbicularis</i> | | |
| Description and occurrence | 808294 | Distribution | 808494 | |
| Distribution | 809101 | <i>Diodon holocanthus</i> | | |
| Fish control agents | | Water movement | | |
| Antimycin | | Seasonal abundance | 809100 | |
| Lethal environmental limits | 807806 | Distribution | 807091 | |
| <i>Monacanthus tomentosus</i> | | Seasonal abundance | 805206 | |
| Length frequency | | Mass mortalities | | |
| Seasonal changes | 805205 | Seasonal abundance | | |
| Feeding | | Temperature | 804801 | |
| Change with age | 805205 | <i>Diodon hystrix</i> | | |
| <i>Monacanthus oculatus</i> | | Galvanotaxis | | |
| Validation | 804301 | Experimental analysis | 806336 | |
| <i>Navodon convexirostris</i> | | Crustacea | | |
| Archaeological data | | As commensal | 803654 | |
| Fishing methods | 806815 | <i>Diodon maculifer</i> | | |
| <i>Navodon modestus</i> | | Distribution | 808494 | |
| Gut | | Molidae | | |
| Anatomy | | Alepisauridae | | |
| Histology | 806235 | <i>Alepisaurus ferox</i> | | |
| Development | 806235 | As predator | 806067 | |
| Larva | | <i>Masturus lanceolatus</i> | | |
| Anatomy | 806230 | Migrations | 809100 | |
| Development | 806230 | <i>Mola mola</i> | | |
| <i>Paramonacanthus choirocephalus</i> | | Cestoda | | |
| Sex ratio | 808494 | Parasite systematics | 805071 | |
| <i>Paramonacanthus curtorthynchus</i> | | | 806632 | |
| Sex ratio | 808494 | Distribution | | |
| <i>Pervagor melanocephalus</i> | | Larva | 806633 | |
| Habitat preference | 807935 | Hydrodynamics | 807979 | |
| <i>Rudarius ercodes</i> | | Cleaning symbiosis | 807188 | |
| Annual fish | 805205 | Migrations | 809100 | |
| Rate of growth | 805205 | <i>Ranzania laevis</i> | | |
| Availability and use of food | 805205 | Mouth | 804144 | |
| Reproductive season | 805205 | Coryphaenidae | | |
| Feeding | | <i>Coryphaena hippurus</i> | | |
| Change with age | 805205 | As predator | 806680 | |
| <i>Stephanolepis</i> | | Distribution | 804144 | |
| Mass mortalities | | | 806680 | |
| Seasonal abundance | | Gut contents | 804144 | |
| Temperature | 804801 | <i>Ranzania truncata</i> | | |
| <i>Sufflamen albicaudatus</i> | | Museum | | |
| Coloration | 806781 | Broussonet Collection | 805145 | |
| Group behavior | 806781 | Ostraciidae | | |
| <i>Sufflamen capistratus</i> | | Distribution | 806781 | |
| Rate of growth | 806728 | | 808494 | |
| <i>Sufflamen verres</i> | | | 808653 | |
| Activity patterns | | Habitat preference | 807885 | |
| Circadian rhythms | 808465 | Poisonous fish | 804245 | |
| Gut contents | 808465 | <i>Lactophrys quadricornis</i> | | |
| Shooting and jetting for food | | Monogenea | | |
| Fanning for food | 808465 | Parasite systematics | 804823 | |
| <i>Xanthichthys curassavicus</i> | | Fish control agents | | |
| Museum | | Antimycin | | |
| Broussonet Collection | 805145 | Lethal environmental limits | 807806 | |
| Diodontidae | | <i>Lactophrys tricornis</i> | | |
| Poison content | | Distribution | 809101 | |
| Biochemistry | 805462 | <i>Lactophrys trigonus</i> | | |
| Oral teeth | 808370 | Erythrocytes | | |
| Miocene | 808370 | Cytology | 807814 | |
| Distribution | 808370 | Hemoglobin | 807814 | |
| | 808653 | Museum | | |
| Habitat preference | 807885 | Broussonet Collection | 805145 | |
| Poisonous fish | 805462 | <i>Lactoria cornutus</i> | | |
| Source of pharmaceuticals | 805462 | Habitat preference | | |
| Archaeological data | 804185 | Coral reef | 805226 | |

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| Ostraciidae (continued) | <i>Ostracion cubicus</i> | | Migrations | |
| | Synonymy | 806781 | Juvenile | 805205 |
| | Coloration | 806781 | <i>Canthigaster rostrata</i> | |
| Tetraodontidae | Habitat preference | 807935 | Distribution | 808188 |
| | <i>Ostracion cyanurus</i> | | Habitat preference | 807885 |
| | Habitat preference | 807935 | <i>Colomesus psittacus</i> | |
| | <i>Ostracion lentiginosus</i> | | Oxygen deficiencies in habitat | |
| | Mucus glands | | Lethal environmental limits | |
| | Histology | 804245 | Experimental analysis | 807949 |
| | Mucus | | <i>Fugu niphobles</i> | |
| | Poison content | | Visceral skeleton | |
| | Biochemistry | 804245 | Urohyal | |
| | Function | 804245 | Anatomy | |
| | <i>Ostracion meleagris</i> | | Identification | 807307 |
| | Mouth | | Thyroid hormone | |
| | Labial glands | | Biochemical blood constituents | |
| | Poisons liberated into water | | Biochemistry | 804535 |
| | Anatomy | 807595 | Gut | |
| | Histology | 807595 | Anatomy | |
| | Poison content | | Histology | 806235 |
| | Captive vs natural fishes | | Development | 806235 |
| | Experimental analysis | 807595 | Larva | |
| | Skin glands | | Anatomy | 806230 |
| | Poisons liberated into water | | Development | 806230 |
| | Histology | 807595 | Intestine | |
| | Biochemistry | 807595 | Change with age | |
| | <i>Ostracion tricornis</i> | | Ultrastructure | 804767 |
| | Fish communities | 806740 | Function | 804767 |
| | <i>Ostracion tuberculatus</i> | | Salinity | |
| | Coloration | 805401 | Effect on fish | |
| | Distribution | 804215 | Water content | 806314 |
| | | 807091 | Biochemical blood constituents | 806314 |
| | Larva | 808982 | Availability and use of food | 805205 |
| | Seasonal abundance | 805206 | Migrations | |
| | Habitat preference | 805401 | Juvenile | 805205 |
| | <i>Rhinesomus gibbosus</i> | | Mass mortalities | |
| | Distribution | | Seasonal abundance | 804801 |
| | Larva | 808982 | Temperature | |
| Tetraodontidae | | | <i>Fugu pardalis</i> | |
| | Poison content | | Axial skeletal muscles | |
| | Biochemistry | 805462 | NAD | |
| | Monogenea | | Enzymology | |
| | Distribution of infection | 805537 | Biochemistry | 805508 |
| | Digenea | | Migrations | |
| | Distribution of infection | 805537 | Juvenile | 805205 |
| | Parasite systematics | 807004 | <i>Fugu poecilonotus</i> | |
| | Distribution | 807091 | Mass mortalities | |
| | | 808473 | Seasonal abundance | |
| | | 808494 | Temperature | 804801 |
| | | 808653 | <i>Fugu rubripes</i> | |
| | | 809101 | Gut | |
| | Larva | 807694 | Anatomy | |
| | | 808982 | Histology | 806235 |
| | Seasonal abundance | 805206 | Development | 806235 |
| | Gut contents | 806763 | Larva | |
| | | 807092 | Anatomy | 806230 |
| | Habitat preference | | Development | 806230 |
| | Young | 807210 | <i>Fugu vermicularis</i> | |
| | Poisonous fish | 805462 | Maintenance energy requirements | 805430 |
| | Biochemistry | | Adibitum food capacity | 805430 |
| | Experimental analysis | 809085 | Rate of growth | |
| | Source of pharmaceuticals | 804246 | Experimental analysis | 805503 |
| | | 805462 | Circadian rhythms | |
| | | 805539 | Experimental analysis | 805502 |
| | <i>Amblyrhynchotes hypselogeneion</i> | | Water movement | |
| | Habitat preference | 806781 | Seasonal abundance | 809100 |
| | Sound production | 806781 | Migrations | 809100 |
| | <i>Arothron diadematus</i> | | <i>Fugu xanthopterus</i> | |
| | Habitat preference | 807935 | Poisonous fish | 807241 |
| | <i>Arothron hispidus</i> | | <i>Hemiconiatus guttifer</i> | |
| | Subspecies | 806781 | Fish communities | 806740 |
| | <i>Arothron meleagris</i> | | <i>Lagocephalus laevis</i> | |
| | Habitat preference | | Fish communities | 806740 |
| | Coral reef | 805226 | Copepoda | |
| | Museum | | Parasite systematics | 803738 |
| | Broussonet Collection | 805145 | Habitat preference | |
| | <i>Arothron nigropunctatus</i> | | Salinity | 808020 |
| | Gross external anatomy | 807945 | Fish control agents | |
| | <i>Boesemianichthys filamentum</i> | | Antimycin | |
| | Mass mortalities | | Lethal environmental limits | 807806 |
| | Seasonal abundance | 804801 | <i>Lagocephalus lagocephalus</i> | |
| | Temperature | | <i>Lagocephalus lunaris</i> | 804512 |
| | <i>Canthigaster</i> | | Poisonous fish | 807241 |
| | Habitat preference | | <i>Liosaccus cutaneus</i> | |
| | Coral reef | 805226 | Digenea | |
| | <i>Canthigaster margaritatus</i> | | Distribution of infection | 805489 |
| | Synonymy | 806781 | Cestoda | |
| | <i>Canthigaster rivulatus</i> | | Distribution of infection | 805489 |
| | Visceral skeleton | | <i>Acanthocephalus</i> | |
| | Urohyal | | Distribution of infection | 805489 |
| | Anatomy | | <i>Pleuronacanthus scleratus</i> | |
| | Identification | 807307 | Poisonous fish | 807241 |

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|--------------------------------|--------|--|--------------------------------------|--------|-----------------|
| <i>Spherooides</i> | | | Nematoda | | |
| Validation | 807609 | | Incidence of infection | 804080 | Triacanthidae |
| Key | 808403 | | Parasite life history | 804080 | |
| <i>Spherooides annulatus</i> | | | <i>Tetraodon fluviatilis</i> | | Triacanthodidae |
| Temperature | | | Telencephalon | | |
| Acclimation | | | Anatomy | 804562 | |
| Description and occurrence | 808294 | | Metencephalon | | |
| Salinity | | | Histology | | |
| Acclimation | | | Function | 804563 | Zeiformes |
| Description and occurrence | 808294 | | <i>Tetraodon laterna</i> | | |
| <i>Spherooides formosus</i> | | | List of types | | |
| Digenea | | | Iconotype | 805935 | |
| Parasite systematics | 804635 | | <i>Tetraodon leocintrae</i> | | Caproidae |
| <i>Spherooides furthi</i> | | | Oral teeth | 808370 | |
| Distribution | 807997 | | Miocene | 808370 | |
| <i>Spherooides maculatus</i> | | | Distribution | 808370 | Oreosomatidae |
| Identifying characters | 807609 | | <i>Tetraodon leirus</i> | | |
| Synonymy | 807609 | | Population changes | 808630 | |
| Morphometrics | 807609 | | <i>Tetraodon mbu</i> | | |
| Poison content | | | Distribution | 805573 | Zeidae |
| Skin | | | <i>Tetraodon miurus</i> | | |
| Treatment for disease | 803903 | | Distribution | 805573 | |
| Oculomotor nerve | | | <i>Tetraodon oblongus</i> | | |
| Synapses | | | Diencephalon | | |
| Ultrastructure | 808774 | | Habenula | | |
| Experimental analysis | 808774 | | Anatomy | | |
| Supramedullary neurones | | | Function | 805872 | |
| Ultrastructure | | | <i>Tetraodon ocellatus</i> | | |
| Biochemistry | 804581 | | List of types | 805935 | |
| Gills | | | <i>Tetraodon palembangensis</i> | | |
| Surface volume relationship | | | General structure and behavior | 803841 | |
| Change with age | 807351 | | Hydrodynamics | 807979 | |
| Intraspecific variation | 807609 | | <i>Tetraodon patoca</i> | | |
| Sporozoa | | | Visceral skeleton | | |
| Incidence of infection | 807412 | | Anatomy | | |
| Distribution | 807609 | | Function | 807982 | |
| Juvenile | 806950 | | Skull | | |
| Habitat preference | 807609 | | Anatomy | 807982 | |
| Fish as food | 804105 | | <i>Tetraodon stellatus</i> | | |
| <i>Spherooides nephelus</i> | | | Habitat preference | 805401 | |
| Identifying characters | 807609 | | Triacanthidae | | |
| Synonymy | 807609 | | <i>Pseudotriacanthus strigilifer</i> | | |
| Morphometrics | 807609 | | Distribution | 808494 | |
| Intraspecific variation | 808403 | | Larva | 808982 | |
| Zoogeography | 807609 | | <i>Triacanthus brevisrostris</i> | | |
| Distribution | 808403 | | Distribution | 808494 | |
| Reproductive season | 807609 | | Reproductive season | 808577 | |
| Seasonal abundance | 805068 | | Gut contents | 808577 | |
| Habitat preference | 807609 | | Triacanthodidae | | |
| Fish control agents | | | <i>Parahollardia lineata</i> | | |
| Antimycin | | | Habitat preference | 807885 | |
| Lethal environmental limits | 807806 | | Zeiformes | | |
| <i>Spherooides pardalis</i> | | | Relationships | 807262 | |
| Gonadotropin | | | Key | 808135 | |
| Effect on fish | | | Caudal skeleton | | |
| Poison content | 804625 | | Anatomy | | |
| Liver | 804625 | | Descriptive evolution | 807262 | |
| Poison content | | | Gill arch teeth | | |
| Biochemical sex differences | 804625 | | Anatomy | | |
| Change with age | 804625 | | Descriptive evolution | 807964 | |
| <i>Spherooides parvus</i> | | | Caproidae | | |
| New species | 808403 | | Redefinition | 808135 | |
| Synonymy | 808403 | | Distribution | 808409 | |
| Meristics | 808403 | | <i>Antigonia capros</i> | | |
| Morphometrics | 808403 | | Fish communities | 806740 | |
| Coloration | 808403 | | <i>Antigonia combata</i> | | |
| Zoogeography | 808403 | | Distribution | 809101 | |
| Distribution | 808403 | | <i>Capros aper</i> | | |
| <i>Spherooides spengleri</i> | | | Otoliths | 805887 | |
| Habitat preference | 807885 | | Vertical distribution | 807995 | |
| <i>Spherooides testudineus</i> | | | Distribution | 804261 | |
| Jaws | | | Oreosomatidae | | |
| Anatomy | 804145 | | <i>Cytosoma maculatus</i> | | |
| Oral teeth | | | Synonymy | 806542 | |
| Anatomy | | | Distribution | 806542 | |
| Histology | 804145 | | Zeidae | | |
| <i>Tetraodon</i> | | | Key | 808135 | |
| Alepisauridae | | | Digenea | | |
| <i>Alepisaurus ferox</i> | | | Parasite systematics | 806417 | |
| As predator | 806067 | | Distribution | 808409 | |
| <i>Tetraodon lahaka</i> | | | <i>Cyttus roseus</i> | | |
| Digenea | | | Fish communities | 806740 | |
| Incidence of infection | 804080 | | <i>Zenopsis conchifer</i> | | |
| Parasite life history | 804080 | | Gross external anatomy | | |
| Host parasite interactions | 804080 | | Young | 804776 | |
| Cestoda | | | Fish communities | 806740 | |
| Incidence of infection | 804080 | | Cestoda | | |
| Intensity of infection | 804080 | | Distribution of infection | 805489 | |
| Parasite life history | 804080 | | Distribution | 804776 | |
| | | | <i>Zenopsis nebulosa</i> | | |
| | | | Distribution | 808733 | |
| | | | Gut contents | 808733 | |

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| Zeidae (continued) | <i>Zeus</i> | | <i>Atherina lacunosa</i> | |
| | Monogenea | | List of types | |
| | Digenaea | 805537 | Museum National d'Histoire Naturelle | 805145 |
| | Digenaea | | Museum | |
| | Digenaea | 805537 | Broussonet Collection | 805145 |
| Atherinomorpha | <i>Zeus australis</i> | 807237 | <i>Atherina mochon</i> | |
| | Habitat preference | | Identifying characters | 805951 |
| | <i>Zeus faber</i> | | Redescription | 805951 |
| | Synonymy | 806282 | Invalidation | 806418 |
| Atheriniformes | Popular names | 806282 | Popular names | 806282 |
| | Saccus vasculosus | | Ovarian cycles | |
| | Anatomy | | Abnormality | 808300 |
| | Histology | 807944 | Testicular cycles | 808300 |
| Atherinidae | Gills | | Water pressure | |
| | Surface volume relationship | | Effect on fish | |
| | Change with age | 807351 | Hydrostatics | 807979 |
| | Hemoglobin | | Distribution | 805951 |
| | Change with age | 805728 | | 806282 |
| | Vertical distribution | 807995 | Expansion of range by man | 808300 |
| | Digenaea | | Hydrostatics | |
| | Digenaea | 805473 | Seasonal changes | 807979 |
| | Cestoda | | Hydrodynamics | |
| | Host parasite interactions | 806261 | Change with age | 807979 |
| | Distribution | 806282 | Habitat preference | 804098 |
| | | 807198 | Schooling | |
| | Hydrodynamics | | Muscular electrophysiology | |
| | Change with age | 807979 | Spatial orientation | 805535 |
| Atherinomorpha | | | Sound production | 805535 |
| Relationships | | 807171 | Optomotor response | 806339 |
| | | 807262 | Microsporidiosis | 805466 |
| | | 806638 | <i>Atherina pinguis</i> | |
| | Jaw muscles | | Gill arch teeth | |
| | Anatomy | | Anatomy | 807964 |
| | Function | 807262 | <i>Atherina presbyter</i> | |
| | Descriptive evolution | 807262 | Relationships | 806418 |
| | Artificial hybridization | | Identifying characters | 805951 |
| | Use in systematics | | Redescription | 805951 |
| | Relationships | 807661 | Synonymy | 806418 |
| Atheriniformes | | | Meristics | 806418 |
| | Gill arch teeth | | Morphometrics | 806418 |
| | Anatomy | | Axial skeletal muscles | |
| | Descriptive evolution | 807964 | Esterases | |
| Atherinidae | | | Biochemistry | 808944 |
| Key | | 804352 | Otoliths | 805887 |
| | | 806418 | Life span | 806418 |
| | | 808135 | Vertical distribution | 807995 |
| | Digenaea | | Distribution | 806418 |
| | Parasite systematics | 807004 | Habitat preference | |
| | Distribution | 804352 | Salinity | 806418 |
| | | 807091 | | |
| | Gut contents | 806763 | <i>Atherina isurugae</i> | |
| | Habitat preference | | ATP ase content and function | |
| | Larva | 807295 | Gills | |
| | <i>Allanetta alba</i> | | Ion and water relationships | 804908 |
| | Redescription | 806781 | <i>Atherinomorus stipes</i> | |
| | Synonymy | 806781 | Habitat preference | 807885 |
| | Group behavior | 806781 | <i>Atherinops affinis</i> | |
| | <i>Allanetta harringtonensis</i> | | Coloration | 807886 |
| | Habitat preference | 807885 | Distribution within habitat | 807227 |
| | <i>Atherina bleekeri</i> | | Distribution | 807227 |
| | Visceral skeleton | | Population density | 807228 |
| | Urohyal | | Feeding | 807227 |
| | Anatomy | | Gut contents | 807230 |
| | Identification | 807307 | <i>Atherinopsis californiensis</i> | |
| <i>Atherina bonapartei</i> | | | Pineal | |
| Invalidation | | 806418 | Hydroxytryptamine | |
| <i>Atherina boyeri</i> | | | Biochemistry | 805030 |
| Relationships | | 806418 | Corpuscles of Stannius | |
| Synonymy | | 806418 | Anatomy | |
| Meristics | | 806418 | Histology | 805149 |
| Morphometrics | | 806418 | Ultrastructure | 805149 |
| Life span | | 806418 | Function | 805149 |
| Polymorphism | | | Juxtaglomerular apparatus | |
| Populations | | 806418 | Histology | |
| Isopoda | | | Function | 805149 |
| | Incidence of infection | 806418 | <i>Atherion africanus</i> | |
| | Distribution | 806418 | Identifying characters | 806781 |
| | Expansion of range by man | 806844 | Synonymy | 806781 |
| | Habitat preference | | <i>Atherion elymus</i> | |
| | Salinity | 806418 | Gut contents | 807092 |
| | Reproduction | 806418 | <i>Austroatherina incisa</i> | |
| <i>Atherina hepsetus</i> | | | Ciliata | |
| Relationships | | 806418 | Parasite systematics | 806823 |
| Synonymy | | 806418 | <i>Basilichthys</i> | |
| Popular names | | 806282 | Digenaea | |
| Meristics | | 806418 | Host parasite interactions | 807387 |
| Morphometrics | | 806418 | <i>Basilichthys bonariensis</i> | |
| Life span | | 806418 | Digenaea | |
| Distribution | | 806282 | Parasite life history | 804172 |
| | | 806418 | Introduction for fishery | 806845 |
| | Habitat preference | | <i>Bedotia geayi</i> | |
| | Salinity | 806418 | General structure and behavior | 805710 |
| | Myxosporidiosis | 805466 | <i>Chirostoma</i> | |
| | | | Pleistocene | 804732 |
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| <i>Craterocephalus capreolus</i> | | <i>Melanotaenia</i> | <i>Melanotaenia fluviatilis</i> | Melanotaeniidae |
| List of types | | | Scales | |
| University of Oslo | 806655 | | Identification | 808628 |
| <i>Craterocephalus fluviatilis</i> | | | <i>Melanotaenia maccullochi</i> | Cyprinodontiformes |
| Scales | | | Habitat preference | 805842 |
| Identification | 808628 | | Reproduction | 805772 |
| <i>Hepsetia</i> | | | <i>Pseudomugil signifer</i> | |
| Invalidation | 806418 | | Reproduction | 803533 |
| <i>Hepsetia pinguis</i> | | | <i>Rhadinocentrus ornatus</i> | Anablepidae |
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| <i>Hypoatherina tsurugae</i> | | | Reproduction | 803636 |
| Synonymy | 808135 | Cyprinodontiformes | Contact organs | |
| Axial skeletal muscles | | | Anatomy | 806868 |
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| Enzymology | 805508 | | Distribution | 804328 |
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| General structure and behavior | 806674 | | General structure and behavior | 804849 |
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| Population changes | 803895 | | Orientation to surface | 804849 |
| Habitat preference | 807268 | | <i>Anableps dowei</i> | |
| <i>Leuresthes tenuis</i> | | | Distribution | 806682 |
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| Activity patterns | | | Scalation | |
| Reproduction | 807035 | | Head | 808268 |
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| Larva | 808139 | | Experimental analysis | 804536 |
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| Distribution within habitat | | | Prolactin | |
| Larva | 808139 | | Experimental analysis | 809072 |
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| Larva | | | Lipid and fatty acid content | 809072 |
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| Fish control agents | | | Function | 807954 |
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| Lethal environmental limits | 807806 | | Polymorphism | |
| <i>Menidia extensa</i> | | | Biochemistry | 805895 |
| Relationships | 807835 | | Protein specificity | 805895 |
| General structure and behavior | 803513 | | Developing egg | 808268 |
| Gross external anatomy | 807835 | | Rate of growth | 806635 |
| Meristics | 807835 | | Mineral waters | 804468 |
| Coloration | 807835 | | Thermal springs | 804468 |
| Fecundity | 807835 | | Digenea | |
| Life span | 807835 | | Host parasite interactions | 807089 |
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| Distribution within habitat | | | | 805573 |
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| Endemism | 807835 | | | 806821 |
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| Description and occurrence | 808294 | | | |
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| Subspecies | 806781 | | | |
| Distribution | 807014 | | | |
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| Salinity | 804526 | | | |
| Salinity | | | | |
| Lethal environmental limits | | | | |
| Experimental analysis | 804526 | | | |
| Distribution | 805383 | | | |

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| Cyprinodontidae (continued) | <i>Aphanius fasciatus</i> | | Meristics | 808264 |
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| | Protein specificity | | Distribution | 808264 |
| Aphanius to Cyprinodon | Biochemistry | 807022 | Habitat preference | 808264 |
| | Expansion of range by man | 806844 | <i>Aplocheilichthys rancureli X</i> | |
| | Habitat preference | 803853 | <i>Aplocheilichthys macrophthalmus X</i> | |
| | | 804098 | Artificial hybridization | 808264 |
| | <i>Aphanius iberus</i> | | Hybrid sterility | 808264 |
| | Habitat preference | 803853 | <i>Aplocheilichthys spilarchen</i> | |
| | <i>Aphanius mento</i> | | Meristics | 808019 |
| | Distribution | 805478 | Distribution | 806088 |
| | <i>Aphyoplatys</i> | | Seasonal abundance | 806120 |
| | Key | 805802 | Habitat preference | 806088 |
| | <i>Aphyosemion</i> | | Salinity | 808020 |
| | Relationships | 806088 | <i>Aplocheilichthys blochi</i> | |
| | Identifying characters | 805056 | Distribution | 805579 |
| | Synonymy | 806477 | <i>Aplocheilichthys lineatus</i> | |
| | Key | 805802 | General structure and behavior | 805795 |
| | General structure and behavior | 803659 | | 805838 |
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| | Coloration | 806088 | <i>Aplocheilichthys panchax</i> | |
| | Annual fish | 808259 | Habitat preference | 808632 |
| | Distribution | 805056 | <i>Austrofundulus dolichopterus</i> | |
| | | 806088 | Relationships | 808268 |
| | Habitat preference | 806088 | Annual fish | 808268 |
| | | 808259 | Caryotype | 808268 |
| | Reproduction | 808259 | Reproduction | 806626 |
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| | General structure and behavior | 806490 | <i>Cubanichthys cubensis</i> | |
| | Reproduction | 806490 | Population structure | 808157 |
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| | Reproduction | 808261 | Distribution | 805010 |
| | <i>Aphyosemion gardneri</i> | | | 808260 |
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| | <i>Aphyosemion liberense</i> | | Life span | 808499 |
| | Annual fish | 808259 | Annual fish | 808260 |
| | <i>Aphyosemion oeseri</i> | | Rate of growth | 808499 |
| | Invalidation | 803659 | Temperature | |
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| | Annual fish | 808259 | Life span | 804135 |
| | Gut contents | 808259 | Habitat preference | 808260 |
| | <i>Aphyosemion sjoestedti</i> | | Gerontological pathologies | 808499 |
| | Identifying characters | 804848 | Breeding and rearing | 808260 |
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| | <i>Aplocheilichthys gambiensis</i> | | Annual fish | 808265 |
| | Invalidation | 808264 | <i>Cynolebias whitei</i> | |
| | <i>Aplocheilichthys macrophthalmus</i> | | Reproduction | 805010 |
| | New subspecies | 808264 | <i>Cynolebias wolterstorffi</i> | |
| | Relationships | 808264 | Rate of growth | 808270 |
| | General structure and behavior | | Breeding and rearing | 808270 |
| | Relationships | 808271 | <i>Cynopoeilus melanotaenia</i> | |
| | Meristics | 808264 | Caryotype | 808268 |
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| | Hybrid sterility | 808264 | Synonymy | 805569 |
| | Distribution | 808264 | Distribution | 806913 |
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| | Habitat preference | 808264 | Availability and use of food | 806913 |
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| | Artificial hybridization | 808264 | Habitat preference | 806913 |
| | Hybrid sterility | 808264 | Territoriality | |
| | <i>Aplocheilichthys macrurus</i> | | Function | |
| | Invalidation | 808264 | Descriptive evolution | 804951 |
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| | Synonymy | 808264 | Feeding | |
| | Meristics | 808264 | Digging for food | 804951 |
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| | Habitat preference | 808264 | Aggressive behavior | 804951 |
| | <i>Aplocheilichthys pumilus</i> | | Territoriality | 805725 |
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| Effect on fish | | Use in biological control | 808275 | to |
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| Mating | 804947 | Habitat preference | 805038 | |
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| <i>Cyprinodon macularius</i> | | Redescription | 808266 | |
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| Lethal environmental limits | 803837 | Coloration | 808266 | |
| Effect on fish | | | 808272 | |
| Behavior | 803837 | Distribution | 808272 | |
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| Insecta | | Parasite systematics | 805052 | |
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| Insecta | | Distribution | 806088 | |
| Experimental analysis | 806973 | <i>Fundulosoma thierrii</i> | | |
| <i>Cyprinodon subtrigonus</i> | | Synonymy | 804574 | |
| New species | 805569 | Habitat preference | 804574 | |
| Sagitta | 805569 | <i>Fundulus</i> | | |
| Oligocene | 805569 | Relationships | 809023 | |
| <i>Cyprinodon variegatus</i> | | Computer analysis | 807080 | |
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| Ultrastructure | | Zoogeography | 809023 | |
| Function | 804788 | Distribution | 809023 | |
| Erythrocytes | | <i>Fundulus catenatus</i> | | |
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| Thrombocytes | | Sexually dimorphic size | 804862 | |
| Cytology | | Nuptial tubercles | 804862 | |
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| Leucocytes | | Anal fin | 804862 | |
| Cytology | 807365 | Geographic variation | | |
| Salinity | | Meristics | | |
| Acclimation | 804643 | Morphometrics | 804862 | |
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| Parasite life history | | Permanent sexual coloration | 804862 | |
| Experimental analysis | 807089 | Distribution | 804862 | |
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| Habitat preference | | Copepoda | | |
| Juvenile | 808813 | Experimental analysis | 804917 | |
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| Experimental analysis | 807829 | Lipid metabolism | | |
| Herbicide pollutants | | Experimental analysis | 806287 | |
| Experimental analysis | 807829 | Prolactin | | |
| Insecticide pollutants | | Experimental analysis | 806287 | |
| Dieldrin | | <i>Fundulus confluentus</i> | | |
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| Lethal environmental limits | 808813 | Use in biological control | 804643 | |
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| Microbiological ichthyotoxins | | Experimental analysis | 804519 | |
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| Use in biological control | 804643 | Ultrastructure | | |
| Use as test animal | | Biochemistry | 805388 | |
| Insecticide pollutants | 807295 | Function | 805004 | |
| <i>Epiplatys</i> | | | 805388 | |
| Key | 805802 | Monogenea | | |
| General structure and behavior | 804170 | Parasite systematics | 804863 | |
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| Meristics | 805802 | Biochemical blood constituents | | |
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| Polymorphism | 805802 | Salinity | 807037 | |
| Habitat preference | 805802 | Glucose content | | |
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| Morphometrics | 808275 | Salinity | 807037 | |
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| Incidence of infection | | Ultrastructure | | |
| Seasonal changes | 808275 | Development | 806609 | |
| Distribution | 808275 | Pigment cells | | |
| Population density | | Ultrastructure | | |
| Seasonal changes | 808275 | Function | 804787 | |

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| Cyprinodontidae (continued) | Color change | | Salinity | |
| | Ultrastructure | 808639 | Acclimation | 804643 |
| Fundulus | Function | 808639 | ATP ase content and function | 807038 |
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| | Function | 807163 | Adenohypophysis | 806296 |
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| | Colchicine | | Hydrogen ion concentration | |
| | Adrenaline | | Biochemical blood constituents | |
| | Experimental analysis | 804478 | Experimental analysis | 807037 |
| | Color change | | Salinity | 807037 |
| | Nervous system | | Ciliata | |
| | Experimental analysis | 808639 | Parasite systematics | 804882 |
| | Endocrine system | | Sporozoa | |
| | Experimental analysis | 808639 | Incidence of infection | 807412 |
| | Pineal | | Distribution | 807430 |
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| | Gills | | Sulfisoxazole | |
| | ATP ase content and function | | Effect on fish | |
| | Biochemistry | 806803 | Testicular cycles | 808561 |
| | Chloride cells | | Rate of growth | 808561 |
| | Biomembranes | | Use in biological control | 804643 |
| | Ultrastructure | 808997 | Use as test animal | |
| | Pseudobranch | | Saxitoxin | |
| | Biomembranes | | Coloration | 807163 |
| | Ultrastructure | 808997 | Tetrodotoxin | |
| | Function | 808997 | Coloration | 807163 |
| | Gas bladder | | <i>Fundulus insularis</i> | |
| | Ultrastructure | 803615 | New species | 809023 |
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| | Function | 806811 | Ovarian cycles | 807834 |
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| | Cytology | | Rate of growth | 807834 |
| | Seasonal changes | 807365 | Salinity | |
| | Thrombocytes | | Effect on fish | |
| | Cytology | | Adenohypophysis | 806296 |
| | Development | 807365 | Adrenal cortex | 806296 |
| | Leucocytes | | Hydrogen ion concentration | |
| | Cytology | | Effect on fish | 808170 |
| | Seasonal changes | 807365 | Burrowing underwater | 807583 |
| | Stress reactions | 807365 | Feeding | 807834 |
| | Serum proteins | | Gut contents | |
| | Salinity | | Seasonal changes | 807834 |
| | Experimental analysis | 807037 | Habitat preference | 807583 |
| | Intestine | | | 807834 |
| | Salinity | | Hydrogen ion concentration | |
| | Ultrastructure | 806797 | Experimental analysis | 808170 |
| | Experimental analysis | 806797 | Avoidance responses | 807583 |
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| | Anatomy | | Distribution | 806869 |
| | Histology | 804724 | <i>Fundulus majalis</i> | |
| | Function | 804724 | Erythrocytes | |
| | Interstitial tissue | | Cytology | |
| | Enzymology | | Seasonal changes | 807365 |
| | Biochemistry | 805029 | Thrombocytes | |
| | Testicular cycles | | Cytology | |
| | Adenohypophysis | | Development | 807365 |
| | Experimental analysis | 806896 | Leucocytes | |
| | Cortisol | | Cytology | 807365 |
| | Experimental analysis | 806896 | Sporozoa | |
| | Temperature | | Incidence of infection | 807412 |
| | Experimental analysis | 806896 | <i>Fundulus notatus</i> | |
| | General embryology | | Distribution | 805646 |
| | Pactamycin | | | 805647 |
| | Protein synthesis | | Population changes | 807268 |
| | Experimental analysis | 806793 | Habitat preference | 803895 |
| | RNA content and function | 806793 | <i>Fundulus notti</i> | 804103 |
| | Gastrulation | | Caryotype | 807602 |
| | Developmental analysis | | <i>Fundulus olivaceus</i> | |
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| | Embryo transplantation | 805708 | | 805647 |
| | Embryogenesis | | Schreckstoffe | |
| | Experimental analysis | 804348 | Experimental analysis | 807866 |
| | Population genetics | | Interspecific communication | |
| | LDH isoenzymes | 808776 | Chemical senses | |
| | Subzero waters | | Fräight reaction to predator | |
| | Acclimation | | Experimental analysis | 807866 |
| | Biochemical blood constituents | 805400 | <i>Fundulus parvipinnis</i> | |
| | Effect on fish | | Coloration | |
| | Acclimation | 807145 | Salinity | 807886 |
| | Biochemical blood constituents | 805707 | | |
| | | 807145 | Acclimation | |
| | Temperature | | Lethal environmental limits | 808714 |
| | Acclimation | | Seasonal abundance | 807886 |
| | Description and occurrence | 808394 | Habitat preference | 807886 |
| | Enzymology | 804227 | | 808137 |
| | Brain | 804227 | <i>Fundulus saguanus</i> | |
| | Effect on fish | | New species | 809023 |
| | Testicular cycles | 806896 | | |

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| <i>Fundulus sciadicus</i> | | Distribution | 806088 | <i>Cyprinodontidae</i> | |
| Reproductive season | 806821 | Habitat preference | 806088 | (continued) | |
| <i>Fundulus similis</i> | | <i>Procatopus similis</i> | | | |
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| General embryology | 803947 | <i>Profundulus</i> | | Goodeidae | |
| Reproductive season | 803947 | Relationships | | | |
| Seasonal abundance | 805068 | Computer analysis | 807080 | | |
| Habitat preference | 803947 | <i>Profundulus punctatus</i> | | | |
| Courtship | 803947 | Distribution | 806682 | | |
| Mating | 803974 | <i>Pterolebias</i> | | Horaichthyidae | |
| <i>Fundulus stellifer</i> | | Population structure | 806129 | | |
| Identifying characters | 804862 | <i>Pterolebias zonatus</i> | | | |
| Pharyngeal teeth | 804862 | Rate of growth | 808270 | | |
| Sexually dimorphic size | 804862 | Courtship | 808270 | Jenynsiidae | |
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| Intraorbital bones | | Intensity of infection | 807787 | |
| Anatomy | 807160 | Isopoda | | |
| Descriptive evolution | 807160 | Incidence of infection | | |
| Lateral line pores and canals | 805992 | Seasonal changes | 807787 | |
| Migrations | 808872 | Distribution | | |
| Introduction for fishery | 808872 | Egg | | |
| Habitat preservation | 803513 | Larva | 805075 | |
| Artificial incubation | 806469 | Population structure | 805075 | |
| <i>Anodontostoma chacunda</i> | | Schooling | 805075 | |
| Vertical distribution | 808591 | Migrations | 805075 | |
| <i>Brevoortia</i> | | Reproduction | 805075 | |
| Gill arches | | Pug head | 806870 | |
| Fourth epibranchial bone | | Natural mortality | 805075 | |
| Use in systematics | | Overfishing | 805097 | |
| Anatomy | 807591 | <i>Brevoortia tyrannus</i> X | | |
| Aural gas bladder diverticula | | <i>Brevoortia patronus</i> X | | |
| Development | 806940 | Natural hybridization | 805075 | |
| Seasonal abundance | 808873 | <i>Caspialosa kessleri</i> | | |
| <i>Brevoortia breviceaudata</i> | | Population changes | 807679 | |
| Invalidation | 805075 | Age class distribution | 807679 | |
| <i>Brevoortia patronus</i> | | Migrations | 807679 | |
| Ovary | | <i>Caspialosa pontica</i> | | |
| Histology | | Locomotion | | |
| Development | 807016 | Vertebrae | | |
| Oogenesis | 807016 | Descriptive evolution | 806945 | |
| Ovarian cycles | 807016 | Axial skeletal muscles | | |
| Distribution within habitat | | Descriptive evolution | 806945 | |
| Schooling | 806245 | <i>Clupanodon</i> | | |
| Copepoda | | Key | 808135 | |
| Incidence of infection | | <i>Clupea</i> | | |
| Intensity of infection | 807787 | Otoliths | 804470 | |
| Seasonal abundance | | Sagitta | 806684 | |
| Developing egg | | Key | 808318 | |
| Larva | 807796 | Miocene | 804470 | |
| <i>Brevoortia patronus</i> X | | | 806684 | |
| <i>Brevoortia smithi</i> X | | <i>Clupea africana</i> | | |
| Testis | | Invalidation | 805703 | |
| Abnormality | 807796 | <i>Clupea brasiliensis</i> | | |
| Sex ratio | 807796 | Invalidation | 805703 | |
| Hybrid compatibility | 807796 | <i>Clupea harengus</i> | | |
| Copepoda | | Subspecies | 804591 | |
| Incidence of infection | | | 804592 | |
| Intensity of infection | 807787 | | | |
| Isopoda | | | | |
| Incidence of infection | | | | |
| Seasonal changes | 807787 | | | |

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|-------------------------------|--------|-------------------------------|--------|-----------------|
| Acclimation | 804985 | | 808064 | Clupeidae |
| Meristics | 804592 | | 808102 | (continued) |
| | 807741 | | 808103 | |
| Vertebrae | 807741 | | 808105 | |
| Cleavage and epiboly | 804592 | | 808106 | |
| Embryogenesis | 804592 | | 808108 | Clupea harengus |
| Orientation with light source | 808662 | | 808110 | |
| Migrations | 807150 | | 808111 | |
| Naive responses to stimuli | 804985 | | 808112 | |
| Temperature | | | 808113 | |
| Migrations | 806319 | | 808114 | |
| Light | | | 808118 | |
| Acclimation | | | 808119 | |
| Orientation with light source | 808662 | | 809060 | |
| Salinity | | Juvenile | 808049 | |
| Effect on fish | | Populations | 808917 | |
| Acclimation | 804985 | Availability and use of food | | |
| Naive responses to stimuli | 804985 | Larva | 806558 | |
| Meristics | | Activity patterns | | |
| Experimental analysis | 804591 | Temperature | | |
| Ciliata | | Experimental analysis | 804985 | |
| Parasite systematics | | Reproductive season | 805306 | |
| Host parasite interactions | 804882 | | 805319 | |
| Monogenea | | | 806319 | |
| Incidence of infection | 807495 | | 806321 | |
| Parasite systematics | 805899 | | 808064 | |
| | 806758 | | 808427 | |
| Digenea | | Intraspecific variation | 805517 | |
| Incidence of infection | | Clinal variation | 808372 | |
| Intensity of infection | 807495 | Ecotypes | | |
| Parasite systematics | 806261 | Otolith age study | 807921 | |
| Cestoda | | Seasonal abundance | 808007 | |
| Incidence of infection | | | 808049 | |
| Intensity of infection | 807495 | Larva | 808008 | |
| Nematoda | | Young | 805306 | |
| Incidence of infection | | Hibernation | 808917 | |
| Change with age | 804532 | Orientation with light source | | |
| Geographic variation | 804532 | Experimental analysis | 808662 | |
| Intensity of infection | 807495 | Hydrostatics | | |
| Host parasite interactions | 804532 | Gas bladder capacity | | |
| Distribution | 808134 | Lipid and fatty acid content | 807474 | |
| Larva | 805300 | Swimming speed | 805307 | |
| | 807072 | Feeding | | |
| | 808106 | Larva | | |
| Seasonal changes | 807923 | Change with age | 808914 | |
| Populations | 805516 | Gut contents | | |
| | 805910 | Seasonal changes | 805301 | |
| | 809060 | Preying on small prey | | |
| Identification | | Change with age | | |
| Otolith age study | 807461 | Larva | 804396 | |
| Age length relationship | | Habitat preference | 807336 | |
| Scale age study | 806916 | Temperature | 809100 | |
| Polymorphism | | Avoidance responses | | |
| Enzymology | 804126 | Visual senses | 806348 | |
| Reproduction | | Trawling | 806316 | |
| Isolating mechanisms | 808427 | Circadian rhythms | 807070 | |
| Population changes | 805063 | Seasonal changes | 807070 | |
| | 805098 | Schooling | 807070 | |
| | 805297 | | 808007 | |
| | 805299 | Seasonal changes | 806321 | |
| | 805309 | Migrations | 805297 | |
| | 805310 | | 805289 | |
| | 808046 | | 805301 | |
| | 808047 | | 805304 | |
| | 808050 | | 805307 | |
| | 808062 | | 805312 | |
| | 808101 | | 806321 | |
| | 808102 | | 805432 | |
| Rate of growth | 808058 | | 807135 | |
| | 808115 | | 808007 | |
| Population density | 805313 | | 808046 | |
| Larva | 805300 | | 808050 | |
| | 807072 | | 808083 | |
| Young | 805309 | | 808104 | |
| Density dependent regulation | 808915 | | 808436 | |
| Age class distribution | 806432 | | 808917 | |
| | 807897 | Vertical migrations | | |
| | 807898 | Circadian rhythms | | |
| | 807899 | Larva | 806784 | |
| | 807900 | Hydrostatics | 807474 | |
| | 807922 | Egg laying | 805981 | |
| | 807923 | | 806555 | |
| | 808046 | Habitat preference | 808916 | |
| | 808047 | History of fisheries | 803538 | |
| | 808048 | Fishing methods | | |
| | 808050 | Light | 806320 | |
| | 808053 | Natural mortality | | |
| | 808054 | Egg | 806555 | |
| | 808055 | Developing egg | 808916 | |
| | 808056 | Recruitment | 805098 | |
| | 808060 | Maximum yield | 807733 | |
| | 808061 | Oil pollutants | | |
| | 808062 | Effect on fish | | |
| | 808063 | Egg | 806462 | |

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|----------------------------------|----------------------------------|--------|------------------------------------|--------|
| Clupeidae | Larva | 806462 | Gut | |
| (continued) | Antivitamin content | 807925 | Anatomy | |
| | Effect on fish | | Histology | 805356 |
| | Fry | 805144 | Function | 805356 |
| Clupea melanostoma | Trawling | | Epibranchial organ | |
| to | Experimental analysis | 806330 | Anatomy | |
| Ethmidium | Sonar observation | 804989 | Histology | 805356 |
| | Trawling | 808051 | Function | 805356 |
| | Marking and tagging | 808107 | Fecundity | |
| | Feeding captive fish | | Intraspecific variation | |
| | Larva | 804596 | Change with age | 804825 |
| | Meristic morphometric techniques | | Populations | 804825 |
| | Larva | 804591 | Larva | 808139 |
| | Measuring larval abundance | | Distribution within habitat | 806168 |
| | Experimental analysis | 806463 | Larva | 808139 |
| <i>Clupea melanostoma</i> | Invalidation | 805703 | Circadian rhythms | |
| <i>Clupea pallasi</i> | Rate of growth | | Sonar observation | 808793 |
| | Populations | | Seasonal changes | |
| | Change with age | 804432 | Sonar observation | 808793 |
| | Nematoda | | Vertical distribution | |
| | Parasite systematics | 805563 | Larva | |
| | Trawling | | Circadian rhythms | 808139 |
| | Effect on fish | | Reservoirs | |
| | Shallow water observation | 804979 | Seasonal changes | 806165 |
| <i>Clupea sinensis</i> | Invalidation | 805703 | Distribution | 805646 |
| <i>Clupea synura</i> | Invalidation | 805703 | Population changes | 805647 |
| <i>Clupea testis</i> | Synonymy | 807965 | Population density | 807268 |
| | Otoliths | 807965 | Interspecific competition | 807835 |
| | Miocene | 807965 | Age class distribution | 803873 |
| <i>Clupea thrissoides</i> | Invalidation | 805703 | Reproductive season | 803895 |
| <i>Clupea trissa</i> | Invalidation | 805703 | Habitat preference | 808464 |
| <i>Clupeonella</i> | Fishing methods | | Reservoirs | 806168 |
| | Light | 806343 | Change with age | 806169 |
| <i>Clupeonella cultriventris</i> | Lipid and fatty acid content | | Reproduction | 808139 |
| | Seasonal changes | | Coarse fish control | 806169 |
| | Migrations | 808451 | Artificial population manipulation | |
| Gills | Anatomy | 804895 | Reservoirs | 806162 |
| <i>Clupeonella delicatula</i> | Allometry | | Fish control agents | |
| | Body form | 807979 | Antimycin | |
| | Reservoirs | | Experimental analysis | 806985 |
| | Habitat preference | | Antimycin-A | |
| | Introduction for fishery | 808461 | Lethal environmental limits | |
| | Distribution within habitat | | Experimental analysis | 808605 |
| | Larva | 807712 | <i>Dorosoma petenense</i> | |
| Ciliate | Parasite systematics | 808919 | Coloration | 807886 |
| | Availability and use of food | | Gut | |
| | Effect on fish | | Anatomy | |
| | Recruitment | 807732 | Histology | 805356 |
| | Reproductive season | 807712 | Function | 805356 |
| | Hydrodynamics | | Epibranchial organ | |
| | Change with age | 807979 | Anatomy | 807591 |
| | Feeding | | Histology | 805356 |
| | Larva | | Function | 805356 |
| | Change with age | 807732 | Descriptive evolution | 807591 |
| | Circadian rhythms | 807732 | Ovarian cycles | 807811 |
| | Migrations | 807712 | Fecundity | 807811 |
| <i>Corica goniognathus</i> | Population changes | 808630 | Larva | |
| <i>Cynothrissa ansorgii</i> | Identifying characters | 808019 | Change with age | 808139 |
| <i>Cynothrissa mento</i> | Monogenea | | Distribution within habitat | 806168 |
| | Parasite systematics | 805052 | Larva | 808139 |
| <i>Diplomystus</i> | Anatomy | 807964 | Circadian rhythms | 808793 |
| <i>Dorosoma</i> | Gill arch teeth | | Seasonal changes | |
| | Anatomy | | Sonar observation | 808793 |
| <i>Dorosoma cepedianum</i> | Fourth epibranchial bone | | Vertical distribution | |
| | Use in systematics | | Larva | |
| | Anatomy | 807591 | Circadian rhythms | 808139 |
| | General structure and behavior | 806674 | Distribution | 807886 |
| | Nitrogen metabolism | | Population changes | 808466 |
| | Enzymology | | Population density | 806168 |
| | Experimental analysis | 803753 | Reproductive season | 808139 |
| Skull | Infraorbital bones | | Gut contents | |
| | Anatomy | | Change with age | 808466 |
| | Descriptive evolution | 807160 | Reproduction | 808139 |
| | Lateral line pores and canals | 807160 | Bait fish | 806460 |
| | | | Introduction for fishery | 803513 |
| | | | <i>Dussumieria hasselti</i> | |
| | | | Ovarian cycles | 806726 |
| | | | <i>Ethmalosa fimbriata</i> | |
| | | | Ovarian cycles | 806743 |
| | | | Testicular cycles | 806743 |
| | | | Sex ratio | 806120 |
| | | | Seasonal abundance | |
| | | | <i>Ethmidium</i> | |
| | | | Validation | 805075 |

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| <i>Etrumeus</i> | | Infraorbital bones | | Clupeidae |
| Sagitta | | Anatomy | 807160 | (continued) |
| Key | 808318 | Descriptive evolution | 807160 | |
| <i>Etrumeus micropus</i> | | Lateral line pores and canals | | |
| Axial skeletal muscles | | <i>Ilisha africana</i> | 805703 | Etrumeus |
| NAD | | Redescription | 805703 | to |
| Enzymology | | Synonymy | | Opisthonema |
| Biochemistry | 805508 | Gas bladder | | |
| <i>Etrumeus teres</i> | | Use in systematics | 807954 | |
| Meristics | 807058 | Anatomy | 807954 | |
| Morphometrics | 807058 | Function | | |
| Coloration | 807997 | Larva | | |
| Skull | | Anatomy | 806066 | |
| Infraorbital bones | | Development | 806740 | |
| Anatomy | 807160 | Fish communities | | |
| Descriptive evolution | 807160 | Distribution | 806066 | |
| Lateral line pores and canals | 808318 | Larva | | |
| Sagitta | 807058 | <i>Ilisha filigera</i> | | |
| Distribution | 807997 | Pharynx and esophagus | | |
| Gut contents | 807997 | Anatomy | 805871 | |
| Habitat preference | 809100 | Histology | 805871 | |
| Temperature | | Function | | |
| <i>Fluvialosa richardsoni</i> | | Stomach | | |
| Scales | 808628 | Anatomy | 805871 | |
| Identification | | Histology | 805871 | |
| <i>Gilchristella aestuarii</i> | | Function | | |
| Vertical distribution | 804049 | <i>Ilisha indica</i> | | |
| <i>Gudusia chapra</i> | | Polychaeta | 804285 | |
| Coefficient of condition | | As food for fish | | |
| Seasonal changes | 805694 | <i>Ilisha melastoma</i> | 805703 | |
| <i>Harengula</i> | | Redescription | 805703 | |
| Sagitta | | Synonymy | | |
| Key | 808318 | <i>Jenkinsia majua</i> | 807885 | |
| <i>Harengula humeralis</i> | | Distribution | | |
| Axial skeletal muscles | | <i>Knightia</i> | 805600 | |
| Muscular electrophysiology | | Paleoecology | | |
| Biochemistry | 804631 | <i>Konosirus punctatus</i> | 805205 | |
| Red muscles | | Seasonal abundance | 805206 | |
| Biochemistry | 804631 | Habitat preference | 805205 | |
| Function | | Migrations | | |
| <i>Harengula penacolae</i> | | Juvenile | 805205 | |
| Fish control agents | | <i>Nematalosa nasus</i> | | |
| Antimycin | 807806 | Redescription | 805703 | |
| Lethal environmental limits | | Synonymy | 805703 | |
| <i>Harengula thrissina</i> | | <i>Odontognathus</i> | 805703 | |
| Sagitta | 808318 | Synonymy | | |
| Distribution within habitat | | <i>Opisthonema</i> | | |
| Change with age | 808465 | Gill arches | | |
| Activity patterns | 808465 | Fourth epibranchial bone | | |
| Circadian rhythms | 808465 | Use in systematics | | |
| Gut contents | 808465 | Anatomy | 807591 | |
| Schooling | 808465 | Sagitta | | |
| <i>Herklotichthys punctatus</i> | | Key | 808318 | |
| Identifying characters | 804382 | <i>Opisthonema mediarstre</i> | | |
| Distribution | 807014 | Sagitta | 808318 | |
| <i>Hilsa ilisha</i> | | <i>Opisthonema oglinum</i> | 805703 | |
| Meristics | 805604 | Synonymy | | |
| Morphometrics | 805604 | Skull | | |
| Brain | | Infraorbital bones | | |
| Anatomy | | Anatomy | 807160 | |
| Function | 806369 | Descriptive evolution | 807160 | |
| Vagus nerve | | Lateral line pores and canals | | |
| Anatomy | 805013 | Erythrocytes | 808181 | |
| Rate of growth | | Cytology | 808181 | |
| Change with age | 807536 | Thrombocytes | 808181 | |
| Sex ratio | 808576 | Cytology | 808181 | |
| Intraspecific variation | 805604 | Leucocytes | 808181 | |
| Cestoda | | Cytology | 807033 | |
| Incidence of infection | | Hemoglobin | 807033 | |
| Seasonal changes | 808577 | Ovarian cycles | 807033 | |
| <i>Acanthocephala</i> | | Testicular cycles | | |
| Incidence of infection | | Metamorphosis | 807848 | |
| Seasonal changes | 808577 | Intraspecific variation | | |
| Parasite systematics | 805398 | Juvenile | | |
| Copepoda | | Distribution | 807033 | |
| Incidence of infection | | Weight length relationship | 808191 | |
| Seasonal changes | 808577 | Sex ratio | 804224 | |
| Populations | 808577 | Distribution | 806498 | |
| Seasonal abundance | 808576 | | 807033 | |
| Larva | 808577 | Age class distribution | 807033 | |
| Gut contents | | Seasonal changes | 804224 | |
| Seasonal changes | 809007 | Reproductive season | 806498 | |
| Migrations | 805604 | | 804224 | |
| Artificial fertilization | 808577 | Seasonal abundance | 805873 | |
| Artificial rearing environments | 804842 | Gut contents | 807033 | |
| <i>Hilsa kelee</i> | | Preying on small prey | | |
| Synonymy | 805703 | Larva | 807848 | |
| <i>Hilsa toli</i> | | Schooling | | |
| Sex ratio | 808576 | Sonar observation | 804670 | |
| Seasonal abundance | 808576 | Stress reactions | | |
| <i>Ilisha</i> | | Larva | | |
| Skull | | Gut | 807848 | |

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|-----------------------------------|--------------------------------|--------|----------------------------------|--------|
| Clupeidae (continued) | <i>Opisthopterus tardoore</i> | | Reproductive season | 807078 |
| | Intraspecific variation | | | 808197 |
| | Morphometrics | 808588 | | 808303 |
| | Vertical distribution | | Seasonal abundance | 805665 |
| | Seasonal changes | 808591 | Larva | 807078 |
| | Age class distribution | 808574 | Population changes | 808304 |
| Opisthopterus to | Seasonal abundance | 808591 | Orientation with light source | |
| Sardinella | Gut contents | | Fishing methods | |
| | Change with age | 808574 | Experimental analysis | 804981 |
| | <i>Pellona</i> | | Feeding | |
| | Gas bladder | | Circadian rhythms | |
| | Use in systematics | | Larva | 804529 |
| | Anatomy | 807954 | Avoidance responses | |
| | <i>Pellonula afzeliusi</i> | | Trawling | 806316 |
| | Monogenea | | Migrations | 807078 |
| | Parasite systematics | 805052 | Vertical migrations | |
| | Seasonal abundance | 806120 | Circadian rhythms | 804980 |
| | <i>Pomolobus facilis</i> | | Parasites shared with man | |
| | Meristics | 805572 | Nematoda | 803972 |
| | Morphometrics | 805572 | | 805803 |
| | Oligocene | 805572 | Feeding captive fish | |
| | Distribution | 805572 | Larva | 804529 |
| | <i>Sardina pilchardus</i> | | <i>Sardina pilchardus</i> | |
| | Meristics | | New species | 807724 |
| | Vertebrae | 808201 | Miocene | 807724 |
| | | 808298 | Zoogeography | 807724 |
| | | 808298 | <i>Sardinella</i> | |
| | Morphometrics | | Axial skeletal muscles | |
| | Jaws | | Biochemistry | 805653 |
| | Larva | | Water content | 805653 |
| | Development | 804529 | Protein content | 805653 |
| | Telencephalon | | Lipid and fatty acid content | 805653 |
| | Anatomy | 804562 | Ephibranchial organ | |
| | Metencephalon | | Anatomy | 805463 |
| | Histology | | Larva | 807694 |
| | Function | 804563 | Rate of growth | 805361 |
| | Neuromasts | | Distribution | |
| | Larva | | Larva | 807694 |
| | Anatomy | 804529 | Fishing methods | |
| | Biochemical blood constituents | | Light | |
| | Polymorphism | | Scining | 806331 |
| | Immunological analysis | 808199 | Fishery statistics | 806741 |
| | Gut | | Sonar observation | |
| | Larva | | Trawling | 804989 |
| | Development | 804529 | <i>Sardinella anchovia</i> | |
| | Egg size | | Synonymy | 807885 |
| | Seasonal changes | 804529 | Distribution | 807030 |
| | Developing egg | | Population changes | 807030 |
| | Distribution | | Avoidance responses | |
| | Population changes | 808198 | Trawling | 807764 |
| | Population density | | Schooling | 807764 |
| | Experimental analysis | 808192 | <i>Sardinella aurita</i> | |
| | Seasonal abundance | 808197 | Synonymy | 804307 |
| | Larva | | Subspecies | 804307 |
| | Distribution | | Meristics | |
| | Population changes | 808198 | Vertebrae | |
| | Population density | | Seasonal changes | 808012 |
| | Experimental analysis | 808192 | Axial skeletal muscles | |
| | Rate of growth | | Lipid and fatty acid content | |
| | Geographic variation | 808298 | Biochemistry | 806742 |
| | Scale age study | | Seasonal changes | 806742 |
| | Inheritance | 806916 | Gut | |
| | Geographic variation | | Lipid and fatty acid content | |
| | Biochemical blood constituents | 808199 | Biochemistry | 806742 |
| | Distribution within habitat | | Seasonal changes | 806742 |
| | Circadian rhythms | | Ephibranchial organ | |
| | Light | 808196 | Anatomy | 807591 |
| | Temperature | | Descriptive evolution | 807591 |
| | Effect on fish | | Ovarian cycles | |
| | General embryology | 804529 | Histology | |
| | Larva | 804529 | Meristic morphometric techniques | 808017 |
| | Distribution within habitat | 804980 | Rate of growth | 808402 |
| | Light | | Fish communities | 806740 |
| | Effect on fish | | Digena | |
| | Swimming speed | 806347 | Distribution of infection | 805473 |
| | Schooling | 806347 | Populations | 808012 |
| | Salinity | | Age class distribution | 805925 |
| | Lethal environmental limits | | Seasonal abundance | |
| | Larva | 804529 | Young | 808012 |
| | Digena | | Orientation with light source | 806313 |
| | Parasite systematics | 806760 | <i>Sardinella bulan</i> | |
| | Cestoda | | Synonymy | 804307 |
| | Distribution of infection | 805473 | <i>Sardinella cba</i> | |
| | Distribution | 808380 | Meristics | |
| | Egg | 808078 | Vertebrae | |
| | Seasonal changes | 805664 | Seasonal changes | 808012 |
| | Developing egg | 808303 | Ovarian cycles | |
| | Larva | | Histology | |
| | Seasonal changes | 805664 | Meristic morphometric techniques | 808017 |
| | Populations | | Rate of growth | 808013 |
| | Distribution | 808298 | Populations | 808012 |
| | Population density | | Age class distribution | 805925 |
| | Developing egg | 808303 | Seasonal abundance | 806120 |

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|-----------------------------------|--------|----------------------------------|--------|-------------------|
| Young | 808012 | Fishery dynamics | | Clupeidae |
| Scale age study | 808013 | Interspecific competition | | (continued) |
| <i>Sardinella gibbosa</i> | | Maximum yield | 807528 | |
| Synonymy | 804307 | Computer analysis | | |
| <i>Sardinella leiogaster</i> | | Population dynamics | 807854 | |
| Identifying characters | 804382 | Archeological data | 804709 | <i>Sardinella</i> |
| <i>Sardinella longiceps</i> | | | 808318 | to |
| Synonymy | 807079 | <i>Siarrhrissa leonensis</i> | | <i>Sprattus</i> |
| Meristics | 807079 | New species | 805381 | |
| Morphometrics | 807079 | New genus | 805381 | |
| Ovary | | Relationships | 805381 | |
| Abnormality | 807973 | Scalation | 805381 | |
| Ovarian cycles | 807079 | Coloration | 805381 | |
| | 808598 | Skull | 805381 | |
| Fecundity | 807079 | <i>Signalosa petenensis</i> | | |
| Testis | | Distribution | 805646 | |
| Abnormality | 807973 | <i>Spratelloides</i> | | |
| Testicular cycles | 807079 | Key | 808135 | |
| Rate of growth | 807079 | <i>Spratelloides delicatulus</i> | | |
| | 808587 | Habitat preference | 807935 | |
| Sex ratio | 808590 | <i>Spratelloides japonicus</i> | | |
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| Vertebrae | 803656 | Parapineal | | |
| <i>Esox americanus</i> | | Histology | 803572 | |
| Skull | | Gills | | |
| Infraorbital bones | | Anatomy | 804895 | |
| Anatomy | | Histology | 806447 | |
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| Distribution | 805646 | Change with age | 805728 | |
| | 805647 | Gut | | |
| | 807835 | Innervation | | |
| Food chains | | Histology | 807009 | |
| Insecticide pollutants | | Cell division | 807009 | |
| Effect on fish | 808927 | Pharynx and esophagus | | |
| <i>Esox lucius</i> | | Ultrastructure | 804646 | |
| Popular names | 806282 | | 805012 | |
| | 808025 | Mucus glands | | |
| General structure and behavior | 807942 | Ultrastructure | 805734 | |
| | 808374 | Liver | | |
| Meristics | | Nitrogen metabolism | | |
| Intraspecific variation | 804775 | Biochemistry | 804028 | |
| Morphometrics | | Kidney | | |
| Intraspecific variation | 804775 | Histology | 803785 | |
| Dorsal fin | | Ultrastructure | 803785 | |
| Regeneration | | Glomerulus | | |
| Developmental analysis | 808221 | Ultrastructure | 805730 | |
| Caudal fin | | Ovary | | |
| Regeneration | | Histology | 805970 | |
| Developmental analysis | 808221 | Arterial system | | |
| Protein content | | Anatomy | 804045 | |
| Amino acids | | Venous system | | |
| Biochemistry | 808222 | Anatomy | 804045 | |
| Protein specificity | | Ovarian cycles | | |
| Axial skeletal muscles | 805060 | Adaptation | | |
| | | Acclimation | 806308 | |

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| | Intraspecific variation | | | 806658 |
| | Change with age | 805970 | Host specificity | 804123 |
| | Density dependent regulation | 805970 | Host parasite interactions | |
| | Geographic variation | 804775 | Host specificity | 806426 |
| | General embryology | 807651 | Parasite systematics | 806261 |
| | | 808025 | | 806417 |
| | Acclimation | | | 806939 |
| | Temperature | 806310 | Cestoda | |
| | Egg | | Distribution of infection | 806904 |
| | Ultrastructure | 803736 | Incidence of infection | |
| | Sperm | | Seasonal changes | 806657 |
| | Cytology | 804157 | | 806658 |
| | Biochemistry | | Intensity of infection | 806657 |
| | Cytology | 807880 | | 806658 |
| | Abnormality | 807880 | Parasite life history | 806256 |
| | Developing egg | | Parasite life history | |
| | Lethal environmental limits | | Host specificity | 803978 |
| | Fish control agents | 808604 | Host specificity | 804123 |
| | Embryo behavior | | Host parasite interactions | 806261 |
| | Hatching | 807651 | Nematoda | |
| | Hatching | | Distribution of infection | 806904 |
| | Temperature | | Incidence of infection | 809003 |
| | Experimental analysis | 807651 | Seasonal changes | 806657 |
| | Light | | | 806658 |
| | Experimental analysis | 807651 | Intensity of infection | 806657 |
| | Hatching glands | | | 806658 |
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| | Rate of growth | 805970 | Seasonal changes | 806657 |
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| | | 808233 | Intensity of infection | 805898 |
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| | | 809038 | Parasite systematics | 806261 |
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| <i>Tilapia louka</i> | 803916 | | |
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| <i>Mullus gorjanovici</i> | 806421 | | |
| Percidae | | | |
| <i>Etheostoma collettei</i> | 805481 | | |
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| <i>Dendrophysa hooghiensis</i> | 807575 | | |
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| <i>Dapalis carinatus</i> | 805569 | | |
| <i>Dapalis rhomboidalis</i> | 805569 | | |
| <i>Serranus</i> | 807965 | | |
| Sparidae | | | |
| <i>Lithognathus olivieri</i> | 806541 | | |
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| <i>Amarsipus carlsbergi</i> | 806816 | | |
| Dactyloscopidae | | | |
| <i>Dactyloscopus byersi</i> | 807571 | | |
| Opistognathidae | | | |
| <i>Tandya reticulata</i> | 804302 | | |
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| <i>Arnoglossus oxyrhynchus</i> | 808003 | | |
| <i>Citharichthys abbotti</i> | 806778 | | |
| <i>Engyproson longipelvis</i> | 808003 | | |
| <i>Japonolaeops dentatus</i> | 808003 | | |
| <i>Laeops sinusarabici</i> | 804516 | | |
| <i>Lioglossina punctata</i> | 808610 | | |
| <i>Pseudorhombus oculocirris</i> | 808003 | | |
| <i>Tarphops elegans</i> | 808003 | | |
| <i>Tosarhombus octoculatus</i> | 808003 | | |
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| <i>Cynoglossus melanopterus</i> | 806892 | | |
| <i>Cynoglossus punctatus</i> | 806892 | | |
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| <i>Zebrias cochinensis</i> | 808987 | | |

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| | <i>Antipodocottus megalops</i> | 807569 | <i>Glyptothorax naziri</i> | 806933 |
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| | <i>Acantholiparis caecus</i> | 807418 | <i>Pygidium stawiarski</i> | 806919 |
| | Scorpaenidae | | Osteoglossidae | |
| | <i>Pontinus leda</i> | 807036 | <i>Brychaetus caheni</i> | 803919 |
| | <i>Scorpaena annobonae</i> | 807036 | Ophidiidae | |
| | <i>Scorpaena azorica</i> | 807036 | <i>Anhyonus brevidorsalis</i> | 805709 |
| | <i>Scorpaenodes tribolus</i> | 806435 | <i>Barathronus bruuni</i> | 805709 |
| | Balistidae | | <i>Bythites</i> | 803880 |
| | <i>Brachaluteres wolfei</i> | 804301 | <i>Bythites matsubarae</i> | 806239 |
| | Tetraodontidae | | <i>Leucocochlamys galathea</i> | 805709 |
| | <i>Sphoeroides parvus</i> | 808403 | <i>Meteoria erythrops</i> | 805709 |
| | Cyprinodontidae | | <i>Nybelinea erikssoni</i> | 805709 |
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| | <i>Cyprinodon subrigonus</i> | 805569 | <i>Arcois decoris</i> | 807630 |
| | <i>Fundulus insularis</i> | 809023 | <i>Derilissus nanus</i> | 807594 |
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| | <i>Nothobranchius kirki</i> | 807076 | <i>Rimicola brevis</i> | 807630 |
| | <i>Rivulichthys luelingi</i> | 805890 | <i>Tomicodon bidens</i> | 807630 |
| | Poeciliidae | | <i>Tomicodon prodromus</i> | 807574 |
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| | <i>Gambusia pseudopunctata</i> | 807631 | <i>Phyllorhynchichthys micractis</i> | 807598 |
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| | <i>Acestrorhynchus guianensis</i> | 806652 | <i>Novumbra oregonensis</i> | 803656 |
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| | <i>Noturus baileyi</i> | 807152 | <i>Xiphophorus helleri</i> | 807184 |
| | <i>Noturus elegans</i> | 807152 | Characidae | |
| | <i>Noturus flavater</i> | 807152 | <i>Acestrorhynchus falcatus</i> | 806652 |
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| <i>Ictalurus nebulosus</i> | 805126 | Teleostei | 806914 | |
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| Experimental analysis | | Ammodontidae | | |
| Ictaluridae | | <i>Ammodontes lanceolatus</i> | 803677 | |
| <i>Ictalurus nebulosus</i> | 805126 | Cyprinidae | | |
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| Wet preservation | | Experimental analysis | | |
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| <i>Mullus barbatus</i> | 804522 | Tissue culture techniques | | |
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| <i>Mullus barbatus</i> | 804522 | Cyprinidae | | |
| Iodine | | <i>Carassius auratus</i> | 803655 | |
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| Experimental analysis | | Experimental analysis | | |
| Salmonidae | | Cyprinidae | | |
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| Lead | | Brain | | |
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| Mycetophidae | 807082 | <i>Carassius auratus</i> | 803655 | |

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| | Cyprinidae | | Embryo physiology | |
| | <i>Carassius carassius</i> | 806831 | Experimental analysis | |
| | Mauthner neurone | | Cobitidae | |
| | Experimental analysis | | <i>Misgurnus fossilis</i> | 804782 |
| | Cyprinidae | | RNA content and function | |
| | <i>Carassius auratus</i> | 805816 | Insulin | |
| Liver | Experimental analysis | | Developmental analysis | |
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| Salmonidae | | | Pancreas | |
| <i>Salmo gairdneri</i> | 804296 | | Cyprinidae | |
| Temperature | | | <i>Carassius auratus</i> | 804957 |
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| <i>Carassius auratus</i> | 806931 | | <i>Salmo gairdneri</i> | 804957 |
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| Batrachoidiformes | | | Pleuronectidae | |
| <i>Opsanus tau</i> | 803755 | | <i>Limanda aspera</i> | 807280 |
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| <i>Poeciliopsis</i> | 807327 | | Salmonidae | |
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| Acetylcholinesterase | | Experimental analysis | | |
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| Temperature | | Ion and water relationships | | |
| Experimental analysis | | Gobiidae | | |
| Pleuronectidae | | <i>Acanthogobius flavimanus</i> | 804908 | |
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| | | <i>Halichoeres poeciliopterus</i> | 804908 | |

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| | Egg | | <i>Fundulus heteroclitus</i> | 808776 |
| | Fertilization | | Immunological analysis | |
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| | <i>Oryzias latipes</i> | 804213 | <i>Cynoscion regalis</i> | 808776 |
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| | <i>Carassius auratus</i> | 806456 | <i>Fundulus heteroclitus</i> | 808776 |
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| | <i>Salmo gairdneri</i> | 803601 | <i>Salvelinus namaycush</i> | 806082 |
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| | Descriptive evolution | | Salmonidae | |
| | Teleostei | 803733 | <i>Salvelinus fontinalis</i> X | |
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| | PGM isoenzyme | | Merlucciidae | |
| | Change with age | | <i>Merluccius productus</i> | 805262 |
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| | Developmental analysis | | Cyprinidae | 804322 |
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| | Squalidae | | Experimental analysis | |
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| Enzymology | | Salmonidae | | and general physiology |
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| Zoarcidae | | Nitrogen metabolism | | |
| Lycodes diapterus | 807041 | Cyprinidae | | |
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| Salmonidae | <i>Oncorhynchus kisutch</i> | 806617 | <i>Oncorhynchus nerka</i> | 804604 |
| | <i>Oncorhynchus nerka</i> | 804604 | | |

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|---------------------------------------|--------------------------------|--------|------------------------------------------|--------|
| Biochemistry | Migrations | | <i>Rutilus rutilus</i> | 804191 |
| and general physiology (continued) | Experimental analysis | | Zoarctidae | |
| | Anguillidae | 808948 | <i>Zoarces viviparus</i> | 804191 |
| Tegumentary system | <i>Anguilla japonica</i> | | Salmonidae | |
| | Salmonidae | 804604 | <i>Salmo trutta</i> | 804191 |
| | <i>Oncorhynchus kisutch</i> | 804604 | Ethanol | |
| | <i>Oncorhynchus nerka</i> | 804604 | Experimental analysis | |
| | Stress reactions | | Cyprinidae | |
| | Oxygen deficiencies in habitat | | <i>Carassius auratus</i> | 804278 |
| | Salmonidae | | Homeostatic mechanisms | |
| | <i>Salmo gairdneri</i> | 807776 | Descriptive evolution | |
| | Blood collection | | Cyprinodontidae | |
| | Salmonidae | | <i>Cyprinodon macularius</i> | 803837 |
| | <i>Salvelinus fontinalis</i> | 807457 | Oxygen consumption | |
| Calcium | | | Salmonidae | |
| Corpuscles of Stannius | | | <i>Salmo salar</i> | 806255 |
| Experimental analysis | | | Carbohydrate metabolism | |
| Anguillidae | | | Experimental analysis | |
| <i>Anguilla rostrata</i> | 807377 | | Cyprinidae | |
| Calcitonin | | | <i>Cyprinus carpio</i> | 808951 |
| Salmonidae | | | Adrenaline | |
| <i>Oncorhynchus</i> | 807204 | | Cyprinidae | |
| Kidney | | | <i>Cyprinus carpio</i> | 808951 |
| Experimental analysis | | | Adenohypophysis | |
| Anguillidae | | | Cyprinidae | |
| <i>Anguilla rostrata</i> | 807377 | | <i>Cyprinus carpio</i> | 808951 |
| Milt | | | Inheritance | |
| Experimental analysis | | | Cyprinidae | |
| Cyprinidae | | | <i>Cyprinus carpio</i> | 804359 |
| <i>Carassius auratus</i> | 804125 | | Temperature | |
| Sodium | | | Teleostei | 807042 |
| Experimental analysis | | | Scombridae | |
| Anguillidae | | | <i>Thunnus thynnus</i> | 803720 |
| <i>Anguilla anguilla</i> | 804905 | | Salinity | |
| Water ingestion | | | Experimental analysis | |
| Petromyzontomorpha | 809065 | | Labridae | |
| Teleostei | 809065 | | <i>Crenilabrus</i> | 804720 |
| | 809069 | | Mechanics of soft elastic tissues | |
| Experimental analysis | | | Cyprinodontidae | |
| Serranidae | | | <i>Fundulus heteroclitus</i> | 806609 |
| <i>Serranus cabrilla</i> | 805215 | | Physics and mechanics of muscle | |
| <i>Serranus scriba</i> | 805215 | | Elasmobranchii | 803865 |
| Pleuronectidae | | | Teleostei | 803865 |
| <i>Platichthys flesus</i> | 805215 | | Mechanical engineering of body | |
| Anguillidae | | | Axial skeletal muscles | |
| <i>Anguilla anguilla</i> | 805215 | | Teleostei | 807771 |
| Cyprinidae | | | Passive thermal properties | |
| <i>Carassius auratus</i> | 805215 | | Skin | |
| Ion and water relationships | | | Axial skeletal muscles | |
| Experimental analysis | | | Anguillidae | |
| Pleuronectidae | | | <i>Anguilla anguilla</i> | 804632 |
| <i>Platichthys flesus</i> | 804191 | | Passive electrical properties | |
| <i>Pleuronectes platessa</i> | 804191 | | Armored scales | |
| <i>Aphanius dispar</i> | 805059 | | Acipenseromorpha | 804114 |
| Salinity | | | <i>Acipenser sturio</i> | |
| Experimental analysis | | | Surface volume relationship | |
| Gobiidae | | | Ion and water relationships | |
| <i>Carassius</i> | 804124 | | Experimental analysis | |
| <i>Periophthalmus vulgaris</i> | 804124 | | Gasterosteidae | |
| Chaetodontidae | | | <i>Gasterosteus aculeatus</i> | 804191 |
| <i>Microcanthus</i> | 804124 | | Pleuronectidae | |
| Theraponidae | | | <i>Platichthys flesus</i> | 804191 |
| <i>Peletes</i> | 804124 | | <i>Pleuronectes platessa</i> | 804191 |
| Balistidae | | | Anguillidae | |
| <i>Monacanthus</i> | 804124 | | | |
| Salmonidae | | | <i>Anguilla anguilla</i> | 804191 |
| <i>Salmo gairdneri</i> | 804582 | | Salmonidae | |
| | 809024 | | <i>Salmo trutta</i> | 804191 |
| Permeability | | | Respiratory system | |
| Ion and water relationships | | | Teleostei | 804400 |
| Experimental analysis | | | Channichthyidae | |
| Gasterosteidae | | | <i>Channichthys rugosus</i> | 804400 |
| <i>Gasterosteus aculeatus</i> | 804191 | | Gills | |
| Stichaeidae | | | Teleostei | 807351 |
| <i>Lumpenus lumpretaeformis</i> | 804191 | | Regulatory respiratory mechanisms | |
| Gobiidae | | | Cottidae | |
| <i>Gobius niger</i> | 804191 | | <i>Cottus gobio</i> | 805251 |
| Labridae | | | Skin | |
| <i>Ctenolabrus rupestris</i> | 804191 | | Histology | |
| Trachinidae | | | Aploactinidae | |
| <i>Trachinus vipera</i> | 804191 | | <i>Acanthosphaex leuynnis</i> | 804814 |
| Pleuronectidae | | | Ultrastructure | |
| <i>Platichthys flesus</i> | 804191 | | Poeciliidae | |
| <i>Pleuronectes platessa</i> | 804191 | | <i>Poecilia reticulata</i> | 806824 |
| Cottidae | | | Cyprinidae | |
| <i>Cottus morio</i> | 804191 | | <i>Carassius carassius</i> | 807183 |
| Anguillidae | | | Biochemistry | |
| <i>Anguilla anguilla</i> | 804191 | | Oryziatidae | |
| Cyprinidae | | | <i>Oryzias latipes</i> | 806566 |
| | | | Function | |
| <i>Carassius auratus</i> | 804191 | | Poeciliidae | |
| <i>Phoxinus phoxinus</i> | 804191 | | <i>Poecilia reticulata</i> | 806824 |

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|--------------------------------|--------|----------------------------------|--------|--------------------|
| Ultrastructure | | Arterial system | | Tegumentary system |
| Petromyzontomorphia | | Anatomy | | (continued) |
| <i>Petromyzon marinus</i> | 803838 | Esocidae | | |
| Centropomidae | | <i>Esox lucius</i> | 805250 | |
| <i>Ambassis lala</i> | 805005 | Function | | |
| Poeciliidae | | Esocidae | | |
| <i>Poecilia reticulata</i> | 804341 | <i>Esox lucius</i> | 805250 | |
| Development | | Venous system | | |
| Cyprinodontidae | | Anatomy | | |
| <i>Fundulus heteroclitus</i> | 806609 | Esocidae | | |
| Use in systematics | | <i>Esox lucius</i> | 805250 | |
| Biochemistry | | Function | | |
| Cobitidae | 805363 | Esocidae | | |
| Lipid and fatty acid content | | <i>Esox lucius</i> | 805250 | |
| Biochemistry | | Capillary systems | | |
| Gempylidae | | Teleostei | 804400 | |
| <i>Ruvettus pretiosus</i> | 807946 | Channichthyidae | | |
| Ion and water relationships | | <i>Chaenichthys rugosus</i> | 804400 | |
| Histology | | Larva | | |
| Myxiniomorphia | 809065 | Histology | | |
| Function | | Pleuronectidae | | |
| Myxiniomorphia | 809065 | <i>Hippoglossoides elassodon</i> | 806455 | |
| Petromyzontomorphia | 809065 | Osmeridae | | |
| Passive electrical properties | | <i>Hypomesus olidus</i> | 807183 | |
| Torpedinidae | | Ultrastructure | | |
| <i>Torpedo marmorata</i> | 804606 | Pleuronectidae | | |
| Pigment cells | | <i>Hippoglossoides elassodon</i> | 806455 | |
| Anatomy | | Osmeridae | | |
| Soleidae | | <i>Hypomesus olidus</i> | 807183 | |
| <i>Solea solea</i> | 805044 | Ion and water relationships | | |
| Cottidae | | Teleostei | 809066 | |
| <i>Cottus gobio</i> | 805044 | Change with age | | |
| Innervation | | Biochemistry | | |
| Soleidae | | Salmonidae | | |
| <i>Solea solea</i> | 805044 | <i>Oncorhynchus keta</i> | 805676 | |
| Cottidae | | Regeneration | | |
| <i>Cottus gobio</i> | 805044 | Histology | | |
| Pigments | | Ictaluridae | | |
| Biochemistry | | <i>Ictalurus</i> | 805927 | |
| | | Wounds | | |
| Salmonidae | | Abnormality | | |
| <i>Oncorhynchus keta</i> | 805676 | Scombridae | | |
| Silvery coloration | | <i>Thunnus albacares</i> | 807131 | |
| Biochemistry | | Virus diseases | | |
| Gasterosteidae | | Ultrastructure | | |
| <i>Culaea inconstans</i> | 807464 | Anguillidae | | |
| Percidae | | <i>Anguilla anguilla</i> | 808485 | |
| <i>Stizostedion canadense</i> | 807464 | Abnormality | | |
| <i>Stizostedion vitreum</i> | 807464 | Anguillidae | | |
| Cyprinidae | | <i>Anguilla anguilla</i> | 808485 | |
| <i>Carassius auratus</i> | 807464 | Amino acids | | |
| Ictaluridae | | Rate of growth | | |
| <i>Ictalurus punctatus</i> | 807464 | Biochemistry | | |
| Gadidae | | Poeciliidae | | |
| <i>Lota lota</i> | 807464 | <i>Xiphophorus helleri</i> X | | |
| Percopsidae | | <i>Xiphophorus maculatus</i> X | 806827 | |
| <i>Percopsis omiscomaycus</i> | 807464 | Collagen | | |
| Esocidae | | Biochemistry | | |
| <i>Esox lucius</i> | 807464 | Gadidae | | |
| Salmonidae | | <i>Gadus morhua</i> | 807138 | |
| <i>Salvelinus fontinalis</i> | 807464 | Protection from nematocysts | | |
| Fluorescence | | Stromateidae | | |
| Biochemistry | | <i>Peprilus burti</i> | 807872 | |
| Salmonidae | | Coloration | | |
| <i>Oncorhynchus kisutch</i> | 807415 | Gobiidae | | |
| Ontogenetic color change | | <i>Thorogobius ephippiatus</i> | 805403 | |
| Biochemistry | | Cichlidae | 804217 | |
| Salmonidae | | <i>Cyathochromis obliquidens</i> | 805037 | |
| <i>Salmo salar</i> | 806853 | <i>Melanochromis</i> | 805037 | |
| Pheromone glands | | Mochokidae | 803602 | |
| Histology | | Abnormality | | |
| Galaxiidae | | Leiognathidae | | |
| <i>Galaxias attenuatus</i> | 808334 | <i>Leiognathus</i> | 807966 | |
| Skin shedding | | Bothidae | | |
| Histology | | <i>Paralichthys lethostigma</i> | 807785 | |
| Scorpaenidae | | Pleuronectidae | | |
| <i>Taenianotus triacanthus</i> | 807950 | <i>Platichthys stellatus</i> | 806881 | |
| Innervation | | Soleidae | | |
| Scyliorhinidae | | <i>Trinectes maculatus</i> | 807785 | |
| <i>Scyliorhinus caniculus</i> | 803618 | Function | | |
| Histology | | Teleostei | 804836 | |
| Bagridae | | | 806431 | |
| <i>Rita rita</i> | 806968 | Experimental analysis | | |
| General light sensitivity | | Teleostei | 805637 | |
| Function | | Descriptive evolution | | |
| Pleuronectidae | | Acanthuridae | 804964 | |
| <i>Pleuronectes platessa</i> | 806576 | Labridae | 804964 | |
| Soleidae | | Chaetodontidae | 804964 | |
| <i>Solea solea</i> | 806576 | Pomacentridae | 804964 | |
| Thyroid hormone | | Balistidae | 804964 | |
| Experimental analysis | | Adaptive evolution | | |
| Salmonidae | | Teleostei | 808501 | |
| <i>Salmo salar</i> | 803591 | | | |

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|-----------------------------------|---------------------------------|--------|----------------------------------|--------|
| Regimentary system (continued) | Centrality or sinistrality | | <i>Hypomesus pretiosus</i> | 807220 |
| | Abnormality | | Change with age | |
| | Bothidae | | Labridae | |
| | <i>Paralichthys albigutta</i> | 807590 | <i>Diastodon speciosus</i> | 805111 |
| | Luminescent organs | | Branchiostegidae | |
| | Elasmobranchii | 809084 | <i>Malacanthus latovittatus</i> | 804262 |
| | Teleostei | 809084 | Cepolidae | |
| | Skin | | <i>Acanthocephala limbata</i> | 806178 |
| | Function | | <i>Cepala abbreviata</i> | 806178 |
| | Gobiidae | | Chaetodontidae | |
| | <i>Acanthogobius flavimanus</i> | 805504 | Heniochus | 804713 |
| | Labridae | | <i>Pomacanthus paru</i> | 803697 |
| | <i>Choerodon azurio</i> | 805504 | Salmonidae | |
| | Mugiloidci | | <i>Oncorhynchus nerka</i> | 805677 |
| | <i>Mugil cephalus</i> | 805504 | Biochemistry | |
| | Serranidae | | Salmonidae | |
| | <i>Lateolabrax japonicus</i> | 805504 | <i>Oncorhynchus keta</i> | 805675 |
| | Sparidae | | | 805676 |
| | <i>Chrysophrys major</i> | 805504 | Intraspecific variation | |
| | Oryziatidae | | Salmonidae | |
| | <i>Oryzias latipes</i> | 805504 | <i>Oncorhynchus masou</i> | 805674 |
| | Poeciliidae | | Inheritance | |
| | <i>Poecilia reticulata</i> | 805504 | Oryziatidae | |
| | Cyprinidae | | <i>Oryzias latipes</i> | 804351 |
| | <i>Carassius auratus</i> | 805504 | Characidae | |
| | <i>Cyprinus carpio</i> | 805504 | <i>Aspynax antrobius</i> | 804484 |
| | <i>Zacco temmincki</i> | 805504 | | |
| | Bagridae | | Experimental analysis | |
| | <i>Pelteobagrus nudiceps</i> | 805504 | Poeciliidae | |
| | Myctophidae | | <i>Xiphophorus</i> | 805884 |
| | <i>Diaphus coeruleus</i> | 805504 | Descriptive evolution | |
| | Plecoglossidae | | Poeciliidae | |
| | <i>Plecoglossus altivelis</i> | 805504 | <i>Xiphophorus</i> | 805884 |
| | Salmonidae | | Sex chromosomes | |
| | <i>Salmo gairdneri</i> | 805504 | Poeciliidae | |
| | <i>Salvelinus fontinalis</i> | 805504 | <i>Xiphophorus maculatus</i> | 807269 |
| | Vertebrae | | <i>Xiphophorus pygmaeus</i> | 807269 |
| | Labridae | | Polymorphism | |
| | <i>Cheilinus undulatus</i> | 805494 | Cichlidae | |
| | Axial skeletal muscles | | <i>Tropheus moorei</i> | 806106 |
| | Labridae | | Poeciliidae | |
| | <i>Cheilinus undulatus</i> | 805494 | <i>Xiphophorus helleri</i> | 803788 |
| | Pisces | | Subterranean waters | |
| | Gobiidae | | Descriptive evolution | |
| | <i>Acanthogobius flavimanus</i> | 805504 | Amblyopsidae | 808771 |
| | Labridae | | Populations | |
| | <i>Choerodon azurio</i> | 805504 | Abnormality | |
| | Mugiloidci | | Pleuronectidae | |
| | <i>Mugil cephalus</i> | 805504 | <i>Pleuronectes platessa</i> | 804331 |
| | Serranidae | | Change with age | |
| | <i>Lateolabrax japonicus</i> | 805504 | Pleuronectidae | |
| | Sparidae | | <i>Pleuronectes platessa</i> | 804331 |
| | <i>Chrysophrys major</i> | 805504 | Migrations | |
| | Oryziatidae | | Biochemistry | |
| | <i>Oryzias latipes</i> | 805504 | Salmonidae | |
| | Poeciliidae | | <i>Oncorhynchus keta</i> | 805675 |
| | <i>Poecilia reticulata</i> | 805504 | | 805676 |
| | Cyprinidae | | Canthaxanthin | |
| | <i>Carassius auratus</i> | 805504 | Artificial feeds and feeding | |
| | <i>Cyprinus carpio</i> | 805504 | Experimental analysis | |
| | <i>Zacco temmincki</i> | 805504 | Salmonidae | |
| | Bagridae | | <i>Oncorhynchus gorbuscha</i> | 807360 |
| | <i>Pelteobagrus nudiceps</i> | 805504 | <i>Salmo clarki</i> | 807360 |
| | Myctophidae | | <i>Salmo gairdneri</i> | 807360 |
| | <i>Diaphus coeruleus</i> | 805504 | Folic acid | |
| | Plecoglossidae | | Vitamin requirements | |
| | <i>Plecoglossus altivelis</i> | 805504 | Experimental analysis | |
| | Salmonidae | | Salmonidae | |
| | <i>Salmo gairdneri</i> | 805504 | <i>Oncorhynchus kisutch</i> | 807344 |
| | <i>Salvelinus fontinalis</i> | 805504 | | |
| | Adenohypophysis | | Pigment cells | |
| | Experimental analysis | | Cytology | |
| | Cyprinidae | | Function | |
| | <i>Carassius auratus</i> | 804491 | Myxinomorpha | 809083 |
| | Pars intermedia | | Petromyzontomorpha | 809083 |
| | Experimental analysis | | Elasmobranchii | 809083 |
| | Anguillidae | | Teleostei | 809083 |
| | <i>Anguilla anguilla</i> | 804128 | Development | |
| | Peritoneum | | Teleostei | 809083 |
| | Axial gradients | | Innervation | |
| | Bothidae | | Elasmobranchii | 809083 |
| | <i>Paralichthys coreanikus</i> | 807220 | Teleostei | 809083 |
| | Pleuronectidae | 807220 | Ultrastructure | |
| | Exocoetidae | | Myxinomorpha | |
| | <i>Hyporhamphus sajori</i> | 807220 | <i>Epiplatys stouti</i> | 808641 |
| | Engraulidae | | <i>Myxine glutinosa</i> | 808641 |
| | <i>Engraulis japonicus</i> | 807220 | Petromyzontomorpha | |
| | Cyprinidae | | <i>Petromyzon marinus</i> | 808641 |
| | <i>Schizothorax argentatus</i> | 807220 | Dasyatidae | |
| | Merlucciidae | | <i>Urolophus halleri</i> | 808641 |
| | <i>Merluccius</i> | 807220 | Rhinobatidae | |
| | Osmeridae | | <i>Platyrhinoidis triseriata</i> | 808641 |
| | <i>Hypomesus olidus</i> | 807220 | <i>Rhinobatos productus</i> | 808641 |
| | | | Orectolobidae | |

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| Tegumentary system (continued) | | | | |
|-----------------------------------|--------|--|-----------------------------------|--------|
| Dasyatidae | | | <i>Pimelometopon pulchrum</i> | 804898 |
| <i>Urolophus halleri</i> | 808641 | | Axial skeletal muscles | |
| Rhinobatidae | | | Labridae | |
| <i>Platyrrhinoidis triseriata</i> | 808641 | | <i>Cheilinus undulatus</i> | 805494 |
| <i>Rhinobatos productus</i> | 808641 | | Salmonidae | |
| Orectolobidae | | | <i>Oncorhynchus</i> | 807486 |
| <i>Ginglymostoma cirratum</i> | 808641 | | <i>Salmo salar</i> | 807486 |
| Dipnoi | | | Oral teeth | |
| <i>Neoceratodus forsteri</i> | 808641 | | Myxinomorpha | |
| <i>Protopterus aethiopicus</i> | 808641 | | <i>Myxine glutinosa</i> | 805131 |
| Acipenseromorpha | | | Liver | |
| <i>Acipenser fulvescens</i> | 808641 | | Amiromorpha | |
| Polypteromorpha | | | <i>Amia calva</i> | 803724 |
| <i>Calamoichthys calabaricus</i> | 808641 | | Semionotomorpha | |
| <i>Polypterus senegalus</i> | 808641 | | <i>Lepisosteus osseus</i> | 803724 |
| Amiromorpha | | | Cyprinidae | |
| <i>Amia calva</i> | 808641 | | <i>Cyprinus carpio</i> | 803724 |
| Semionotomorpha | | | Carotenoids | |
| <i>Lepisosteus osseus</i> | 808641 | | Oryziatidae | |
| Anguillidae | | | <i>Oryzias latipes</i> | 805439 |
| <i>Anguilla rostrata</i> | 808641 | | Melanin | |
| Cyprinidae | | | Developmental analysis | |
| <i>Carassius auratus</i> | 808641 | | Myxinomorpha | |
| Developmental analysis | | | <i>Epiplatys stouti</i> | 806047 |
| Color variety | | | <i>Myxine glutinosa</i> | 806047 |
| Oryziatidae | | | Petromyzontomorpha | |
| <i>Oryzias latipes</i> | 804026 | | <i>Petromyzon marinus</i> | 806047 |
| Intermediary metabolism | | | Dasyatidae | |
| Vitamin-A | | | <i>Urolophus halleri</i> | 806047 |
| Experimental analysis | | | Rhinobatidae | |
| Salmonidae | | | <i>Platyrrhinoidis triseriata</i> | 806047 |
| <i>Salvelinus fontinalis</i> | 808861 | | <i>Rhinobatos productus</i> | 806047 |
| Coloration | | | Orectolobidae | |
| Chaetodontidae | | | <i>Ginglymostoma cirratum</i> | 806047 |
| <i>Heniochus acuminatus</i> | 805637 | | Dipnoi | |
| Percidae | | | <i>Neoceratodus forsteri</i> | 806047 |
| <i>Perca fluviatilis</i> | 805637 | | <i>Protopterus aethiopicus</i> | 806047 |
| Seasonal changes | | | Acipenseromorpha | |
| Function | | | <i>Acipenser fulvescens</i> | 806047 |
| Teleostei | | | Polypteromorpha | |
| Salmonidae | 804441 | | <i>Calamoichthys calabaricus</i> | 806047 |
| <i>Oncorhynchus keta</i> | 804441 | | <i>Polypterus senegalus</i> | 806047 |
| Melanin | | | Amiromorpha | |
| Ultrastructure | | | <i>Amia calva</i> | 806047 |
| Myxinomorpha | | | Semionotomorpha | |
| <i>Epiplatys stouti</i> | 808641 | | <i>Lepisosteus osseus</i> | 806047 |
| <i>Myxine glutinosa</i> | 808641 | | Anguillidae | |
| Petromyzontomorpha | | | <i>Anguilla rostrata</i> | 806047 |
| <i>Petromyzon marinus</i> | 808641 | | Cyprinidae | |
| Dasyatidae | | | <i>Carassius auratus</i> | 806047 |
| <i>Urolophus halleri</i> | 808641 | | Enzymology | |
| Rhinobatidae | | | Myxinomorpha | |
| <i>Platyrrhinoidis triseriata</i> | 808641 | | <i>Myxine glutinosa</i> | 806046 |
| <i>Rhinobatos productus</i> | 808641 | | Dipnoi | |
| Orectolobidae | | | <i>Neoceratodus forsteri</i> | 806046 |
| <i>Ginglymostoma cirratum</i> | 808641 | | Semionotomorpha | |
| Dipnoi | | | <i>Lepisosteus osseus</i> | 806046 |
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| <i>Acipenser fulvescens</i> | 808641 | | Teleostei | 809083 |
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| <i>Calamoichthys calabaricus</i> | 808641 | | Biochemistry | |
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| Amiromorpha | | | <i>Culaea inconstans</i> | 807464 |
| <i>Amia calva</i> | 808641 | | Percidae | |
| Semionotomorpha | | | <i>Stizostedion canadense</i> | 807464 |
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| Amiromorpha | | | <i>Stizostedion canadense</i> | 807464 |
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| <i>Cyprinus carpio</i> | 803724 | | <i>Ictalurus punctatus</i> | 807464 |
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| Cichlidae | | | <i>Salmo trutta</i> | 807843 | |
| <i>Pterophyllum</i> | | 805831 | Oxygen | | |
| Poeciliidae | | | Experimental analysis | | |
| <i>Poecilia reticulata</i> | | 803561 | Salmonidae | | |
| | | 803831 | <i>Salmo salar</i> | 806255 | |
| <i>Xiphophorus maculatus</i> | | 805758 | Carbon dioxide | | |
| <i>Xiphophorus maculatus X</i> | | | Experimental analysis | | |
| <i>Xiphophorus helleri X</i> | | 805776 | Salmonidae | 806255 | |
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| <i>Carassius auratus</i> | | 805747 | Experimental analysis | | |
| <i>Cyprinus carpio</i> | | 806040 | Lebasiidae | | |
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| <i>Oryzias latipes</i> | | 804351 | Circadian rhythms | | |
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| Teleostei | | 809083 | Function | | |
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| Holocentridae | | | <i>Pimelometopon pulchrum</i> | 804898 | |

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| Tegumentary system (continued) | Dietary requirements | | Ostraciidae | |
| | Experimental analysis | | <i>Ostracion meleagris</i> | 807595 |
| | Labridae | | Biochemistry | |
| | <i>Pimelometopon pulchrum</i> | 804898 | Ostraciidae | |
| | Temperature | | <i>Ostracion meleagris</i> | 807595 |
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| | Salmonidae | | Histology | |
| | <i>Salmo salar</i> | 806853 | Ostraciidae | |
| | Light | | <i>Ostracion lentiginosus</i> | 804245 |
| | Experimental analysis | | Biochemistry | |
| | Salmonidae | | Salmonidae | |
| | <i>Salmo salar</i> | 806853 | <i>Salmo gairdneri</i> | 806672 |
| Short term adaptive color change | | | Prolactin | |
| | Pomacentridae | 806977 | Histology | |
| | <i>Abudefduf saxatilis</i> | 804919 | Characidae | |
| | <i>Abudefduf taurus</i> | 804919 | <i>Astyanax jordani</i> | 804405 |
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| | <i>Argyrolepis hemigymnus</i> | 803506 | Histology | |
| | Retina | | Cobitidae | |
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| | <i>Solea solea</i> | 805950 | Cobitidae | |
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| | Blenniidae | | Function | |
| | <i>Hypsoblennius</i> | 803625 | Cobitidae | |
| | Anal spot | | <i>Lepidocephalichthys guntea</i> | 806225 |
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| | <i>Gambusia affinis</i> | 804946 | Histology | |
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| | Experimental analysis | | <i>Astyanax jordani</i> | 804405 |
| | Teleostei | 809083 | Experimental analysis | |
| | Habitat preference | | Characidae | |
| | Hiding | | <i>Astyanax jordani</i> | 804405 |
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| | <i>Pimelometopon pulchrum</i> | 804898 | Biochemistry | |
| Emotional color change | | | Function | |
| | Acanthuridae | | Grammistidae | 805462 |
| | <i>Naso tapeinosoma</i> | 805021 | Poison content | |
| | Blenniidae | | Biochemistry | |
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| | Pomacentridae | 804919 | Biochemistry | |
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| | Cichlidae | | Function | |
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| | Histology | | Histology | |
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| | Function | | <i>Taenianotus triacanthus</i> | 807950 |
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| Experimental analysis | | <i>Esox masquinongy</i> | 807352 | |
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| <i>Cobitis taenia</i> | 807644 | Development | | |
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| Identification | | Geographic variation | | |
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| Skeletal system (continued) | Histology | | Experimental analysis | |
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| Coptostomabarbus | 809059 | Phyllorhynchichthys micractis | 807598 | |
| Siluridae | | Anatomy | | |
| Ompok bimaculatus | 806925 | Function | | |
| Sisoridae | | Dipnoi | | |
| Erethistoides montana | 805869 | Conchopoma gadiforme | 806665 | |
| Glyptosternon reticulum | 804430 | Dipterus | 806665 | |
| Osteoglossomorpha | | Neoceratodus forsteri | 806665 | |
| Lycoperidae | 806648 | Protopterus | 806665 | |
| Mormyridae | | Descriptive evolution | | |
| Boulengeromyrus knoepffleri | 807108 | Dipnoi | | |
| Genyomys donnyi | 807108 | Conchopoma gadiforme | 806665 | |
| Gnathonemus | 805457 | Dipterus | 806665 | |
| Gnathonemus kutsiensis | 805457 | Neoceratodus forsteri | 806665 | |
| Petrocephalus bane | 807108 | Protopterus | 806665 | |
| Notopteridae | | Spines | | |
| Notopterus notopterus | 805042 | Carangidae | | |
| Batrachoidiformes | 807262 | Elagatis bipinnulata | 807611 | |
| Gadiformes | 807262 | Gill arches | | |
| Bregmaceroidae | | Ophidiidae | | |
| Bregmaceros maccllellandi | 807262 | Anatomy | | |
| Gadidae | | Rhinobatidae | | |
| Brosme brosme | 807364 | Rhinobatos | 807964 | |
| Ophidiidae | | Rhynchobatus | 807964 | |
| Genypterus chilensis | 807137 | Torpedinidae | | |
| Gobiesociformes | 807262 | Narcacian | 807964 | |
| Lophiiformes | 807262 | Squalidae | | |
| Percopsiformes | | Etmopterus spinax | 807964 | |
| Asineops squamifrons | 807262 | Porolepidomorpha | | |
| Sphenoccephalus fissicaudus | 807262 | Glyptolepis | 807964 | |
| Bathylagidae | | Acipenseromorpha | 807964 | |
| Bathylagus stibius | 807685 | | | |

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| Skeletal system (continued) | Paleonisciformes | | Pomacentridae | 806977 |
| | <i>Pteronisculus stensioei</i> | 807964 | Bothidae | |
| | Anabantoidae | 807964 | <i>Arnoglossus laterna</i> | 804723 |
| | Malapteruridae | | Cynoglossidae | |
| | <i>Malapterurus electricus</i> | 804806 | <i>Cynoglossus</i> | 804723 |
| | <i>Osteoglossomicrostoma</i> | 804806 | Pleuronectidae | 804723 |
| | Osteoglossomorpha | 807964 | Psettodidae | |
| | Function | | <i>Psettodes belcheri</i> | 804723 |
| | Gobiidae | | Scophthalmidae | 804723 |
| | <i>Periophthalmus vulgaris</i> | 805043 | Soleidae | |
| | Development | | Ichthyoboridae | |
| | Teleostei | 807964 | <i>Phago loricatus</i> | 809052 |
| | Descriptive evolution | | Descriptive evolution | |
| | | 807964 | Chimaeromorpha | 807013 |
| | Acanthodomorpha | | Squalomorpha | 807013 |
| | <i>Acanthodes bronni</i> | 807964 | Dipnoi | 807013 |
| | Chimaeromorpha | 807964 | | |
| | Elasmobranchii | 807964 | Rhipidistia | 807019 |
| | Xenacanthomorpha | | | 807013 |
| | <i>Pleuracanthus</i> | 807964 | Coelacanthini | 807019 |
| | Dipnoi | 807964 | <i>Latimeria chalumnae</i> | 807013 |
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| | <i>Eusthenopteron foordi</i> | 807964 | Amiomorpha | 807013 |
| | Coelacanthini | | Semionotomorpha | 807013 |
| | <i>Latimeria chalumnae</i> | 807964 | Teleostei | 807013 |
| | Paleonisciformes | | Function | |
| | <i>Pteronisculus stensioei</i> | 807964 | Acanthuridae | 805679 |
| | Polypteromorpha | 807964 | Leptolepidomorpha | |
| | Holostei | 807964 | <i>Saurocephalus lanciformis</i> | 804481 |
| | Amiomorpha | | <i>Saurodon leanus</i> | 804481 |
| | <i>Amia calva</i> | 807964 | Descriptive evolution | |
| | Semionotomorpha | | | 807940 |
| | <i>Lepisosteus</i> | 807964 | Acanthodomorpha | |
| | Teleostei | 807964 | <i>Acanthodes bronni</i> | 807964 |
| | Clupeomorpha | 807964 | Acipenseromorpha | |
| | Elopomorpha | 807964 | <i>Acipenser</i> | 807964 |
| | Anguilliformes | 807964 | Larva | |
| | Cobitidae | 807964 | Development | |
| | Gymnotidae | 807964 | Clupeidae | |
| | Siluriformes | 807964 | <i>Sardina pilchardus</i> | 804529 |
| | Innervation | | Change with age | |
| | Anatomy | | Muraenidae | |
| | Nandidae | | <i>Echidna polyzona</i> | 808284 |
| | <i>Nandus nandus</i> | 805013 | Esocidae | |
| | Cynoglossidae | | <i>Esox lucius</i> | 804524 |
| | <i>Cynoglossus bilineatus</i> | 805013 | Intraspecific variation | |
| | Belontiidae | | Use in systematics | |
| | <i>Xenentodon cancila</i> | 805013 | Engraulidae | |
| | Clupeidae | | <i>Thrissa vitrirostris</i> | 805580 |
| | <i>Hilsa ilisha</i> | 805013 | Feeding | |
| | Cyprinidae | | Function | |
| | <i>Cirrhina mrigala</i> | 805013 | Teleostei | 807979 |
| | Clariidae | | Gular plate | |
| | <i>Clarias batrachus</i> | 805013 | Osteoglossomorpha | |
| | Notopteridae | | <i>Lycopera</i> | 806648 |
| | <i>Notopterus notopterus</i> | 805013 | Skull | |
| | Fourth epibranchial bone | | Coccosteomorpha | |
| | Use in systematics | | <i>Herasmus granulatus</i> | 805589 |
| | Anatomy | | <i>Heterostius ingens</i> | 805589 |
| | Clupeidae | | Paleonisciformes | 805866 |
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| | <i>Clupea harengus</i> | 807591 | <i>Aestuarchichthys fulcratus</i> | 804927 |
| | <i>Dorosoma</i> | 807591 | <i>Australichthys longidorsalis</i> | 804927 |
| | <i>Opisthonema</i> | 807591 | <i>Dorolepis virgatus</i> | 805900 |
| | Jaws | | <i>Mentichthys jubbi</i> | 804927 |
| | Characidae | | <i>Willomorchichthys striatulus</i> | 804927 |
| | <i>Acestrorhynchus</i> | 806652 | Amiomorpha | |
| | <i>Oligosarcus</i> | 806652 | <i>Præsemionotus aculeatus</i> | 805900 |
| | <i>Paroligosarcus pintoii</i> | 806652 | Semionotomorpha | |
| | Salangidae | | <i>Pericentrophorus minimus</i> | 805900 |
| | <i>Salangichthys microdon</i> | 807632 | Fistulariidae | |
| | Anatomy | | <i>Fistularia</i> | 804620 |
| | Bothidae | | Chaetodontidae | |
| | <i>Laeops sinusarabici</i> | 804516 | <i>Heniochus acuminatus</i> | 804713 |
| | Tetraodontidae | | <i>Heniochus intermedius</i> | 804713 |
| | <i>Sphoeroides testudineus</i> | 804145 | Cichlidae | |
| | Cyprinodontidae | | <i>Haplochromis</i> | 806349 |
| | <i>Parafundulus nevadensis</i> | 807080 | Clupeidae | |
| | Leptolepidomorpha | | <i>Sierrathrissa leonensis</i> | 805381 |
| | <i>Saurocephalus lanciformis</i> | 804481 | Elopomorpha | |
| | <i>Saurodon leanus</i> | 804481 | <i>Elops machnata</i> | 803541 |
| | Function | | <i>Megalops cyprinoides</i> | 803541 |
| | Chimaeromorpha | 807013 | Leptolepidomorpha | |
| | Squalomorpha | 807013 | <i>Saurocephalus lanciformis</i> | 804481 |
| | Dipnoi | 807013 | <i>Saurodon leanus</i> | 804481 |
| | Rhipidistia | 807013 | Characidae | |
| | Coelacanthini | | <i>Acestrorhynchus</i> | 806652 |
| | <i>Latimeria chalumnae</i> | 807013 | <i>Hemigrammus rhodostomus</i> | 806575 |
| | Polypteromorpha | 807013 | <i>Oligosarcus</i> | 806652 |
| | Amiomorpha | 807013 | <i>Paroligosarcus pintoii</i> | 806652 |
| | Semionotomorpha | 807013 | <i>Peticilia georgiae</i> | 806575 |
| | Teleostei | 807013 | Aploichthonidae | 807632 |
| | Labridae | | Galaxiidae | 807632 |
| | <i>Crenilabrus melops</i> | 804097 | | |

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| Retropinnidae | 807632 | Anotopteridae | | Skeletal system (continued) |
| Salangidae | | <i>Anotopterus pharao</i> | 808504 | |
| <i>Salangichthys microdon</i> | 807632 | Aulopodidae | | |
| Anatomy | | <i>Aulopus filamentosus</i> | 808504 | |
| Dasyatidae | | Identification | | |
| <i>Dasyatis uarnak</i> | 806356 | Osmeridae | | |
| Dipnoi | | <i>Osmerus eperlanus</i> | 803942 | |
| <i>Griphognathus</i> | 807019 | <i>Osmerus mordax</i> | 803942 | |
| Paleonisciformes | | Function | | |
| <i>Moythomasia nitida</i> | 808955 | Dipnoi | 808748 | |
| Polymixiidae | 807262 | Rhipidistia | 808748 | |
| Scombridae | | Coelacanthini | | |
| <i>Scomber microlepidotus</i> | 806962 | <i>Latimeria chalumnae</i> | 808748 | |
| Bothidae | 808003 | Amiomorpha | 806350 | |
| Citharidae | | Teleostei | 806350 | |
| <i>Citharoides macrolepidotus</i> | 808003 | Anabantidae | | |
| <i>Lepidoblepharon ophthalmolepis</i> | 808003 | <i>Anabas testudineus</i> | 808789 | |
| Pleuronectidae | | <i>Ctenopoma acutirostre</i> | 808789 | |
| <i>Samanis cristatus</i> | 804137 | Percidae | | |
| Psettodidae | | <i>Perca fluviatilis</i> | 805340 | |
| <i>Psettodes erumei</i> | 808003 | Alepocephaloidei | | |
| Tetraodontidae | | <i>Alepocephalus rostratus</i> | 806350 | |
| <i>Tetraodon patoca</i> | 807982 | <i>Xenodermichthys socialis</i> | 806350 | |
| Ophichthidae | | Descriptive evolution | | |
| <i>Pisodonophis boro</i> | 806401 | Dipnoi | | |
| Leptolepidomorpha | | <i>Paracerasotodus</i> | 807218 | |
| <i>Pachyrhizodus marathonsensis</i> | 808136 | Osteolepidomorpha | 805460 | |
| Ostariophysi | 807021 | Porolepidomorpha | 805460 | |
| Characidae | | Coelacanthini | | |
| <i>Acestrorhynchus</i> | 807021 | <i>Whiteia woodwardi</i> | 807218 | |
| <i>Salminus brasiliensis</i> | 807021 | Chondrostei | 807218 | |
| Citharinidae | | Acipenseromorpha | | |
| <i>Citharus congicus</i> | 807021 | <i>Saurichthys madagascariensis</i> | 807218 | |
| Ctenulucidae | | <i>Saurichthys pivateaui</i> | 807218 | |
| <i>Boulengerella cuvieri</i> | 807021 | Paleonisciformes | 807218 | |
| <i>Ctenolucius hujeta</i> | 807021 | Perleidiformes | | |
| Curimatidae | | <i>Perleides</i> | 807218 | |
| <i>Curimata isognathus</i> | 807021 | Pholidolepiformes | | |
| Cynodontidae | | <i>Australosomus longirostris</i> | 807218 | |
| <i>Hydrolycus pectoralis</i> | 807021 | <i>Australosomus merlei</i> | 807218 | |
| <i>Rhaphiodon vulpinus</i> | 807021 | Amiomorpha | 806350 | |
| Disichodontidae | 807021 | Parasemionotomorpha | 807218 | |
| Erythrinidae | | Teleostei | 806350 | |
| <i>Hoplias</i> | 807021 | Notopteridae | | |
| Hepsetidae | | <i>Notopterus notopterus</i> | 805042 | |
| <i>Hepsetus odoe</i> | 807021 | Alepocephaloidei | | |
| Ichthyoboridae | 807021 | <i>Alepocephalus rostratus</i> | 806350 | |
| <i>Hemistichodus vaillanti</i> | 808018 | <i>Xenodermichthys socialis</i> | 806350 | |
| <i>Ichthyoborus besse</i> | 808018 | Use in systematics | | |
| Lebiastidae | 807021 | Sciænidae | 806237 | |
| Cyprinidae | | Morphometrics | | |
| <i>Coptostomabarbatus</i> | 809059 | Salmonidae | | |
| Siluridae | | <i>Coregonus</i> | 806353 | |
| <i>Ompok bimaculatus</i> | 806925 | <i>Prosopium cylindraceum</i> | 806353 | |
| Sisoridae | | Development | | |
| <i>Erethistoides montana</i> | 805869 | Cyprinidae | | |
| <i>Glyptosternon reticulum</i> | 804430 | <i>Cyprinus carpio</i> | 805014 | |
| Osteoglossomorpha | | Identifying characters | | |
| <i>Lycoptera</i> | 806648 | Sparidae | | |
| Mormyridae | | <i>Chrysophrys auratus</i> | 806233 | |
| <i>Boulengeromyrus knoepffleri</i> | 807108 | | 806234 | |
| <i>Genomyrus donnyi</i> | 807108 | <i>Chrysophrys major</i> | 806233 | |
| <i>Gnathonemus</i> | 805457 | | 806234 | |
| <i>Hyperopisus occidentalis</i> | 805457 | <i>Chrysophrys unicolor</i> | 806233 | |
| <i>Petrocephalus bane</i> | 807108 | | 806234 | |
| Batrachoidiformes | 807262 | <i>Pagrus africanus</i> | 806234 | |
| Gadiformes | 807262 | <i>Pagrus ianarius</i> | 806234 | |
| Gadidae | | <i>Pagrus pagrus</i> | 806234 | |
| <i>Brosme brosme</i> | 807364 | Lateral line pores and canals | | |
| Merlucciidae | | Anatomy | | |
| <i>Rhinocephalus planiceps</i> | 807262 | Hexanchiformes | | |
| Ophidiidae | | <i>Chlamydoselachus</i> | 804102 | |
| <i>Gnyptherus chilensis</i> | 807137 | Dipnoi | | |
| Gobiesociformes | 807262 | <i>Protopterus</i> | 804102 | |
| Lophiiformes | 807262 | Porolepidomorpha | 804102 | |
| Percopsiformes | | Coelacanthini | | |
| <i>Asineops squamifrons</i> | 807262 | <i>Latimeria chalumnae</i> | 804102 | |
| <i>Sphenocephalus fissicaudus</i> | 807262 | Paleonisciformes | 804102 | |
| Aphredoderidae | | Polypteromorpha | | |
| <i>Trichophanes foliarum</i> | 807262 | <i>Polypterus</i> | 804102 | |
| Percopsidae | | Amiomorpha | | |
| <i>Amphiplaga brachyptera</i> | 807262 | <i>Amia</i> | 804102 | |
| <i>Erimatopterus levatus</i> | 807262 | Semionotomorpha | | |
| Ctenothrissiformes | | <i>Lepisosteus</i> | 804102 | |
| <i>Patersonichthys delicatus</i> | 808504 | Nandidae | | |
| Bathylagidae | | <i>Nandus nandus</i> | 804640 | |
| <i>Bathylagus stibius</i> | 807685 | Descriptive evolution | | |
| Bathylaconoidei | | Hexanchiformes | | |
| <i>Bathylaco nigricans</i> | 806350 | <i>Chlamydoselachus</i> | 804102 | |
| Myctophoidi | | Dipnoi | | |
| <i>Nematonotus longispinus</i> | 807262 | <i>Protopterus</i> | 804102 | |
| Alepisauridae | | Porolepidomorpha | 804102 | |
| <i>Alepisaurus ferox</i> | 808504 | | | |

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| Skeletal system (continued) | Coelacanthini | | Triglidae | |
| | <i>Latimeria chalumnae</i> | 804102 | <i>Trigla lucerna</i> | 804932 |
| | Paleonisciformes | 804102 | Cyprinidae | |
| Muscular system | Polypteroforma | | <i>Ctenopharyngodon idella</i> | 804932 |
| | <i>Polypterus</i> | 804102 | <i>Hypophthalmichthys molitrix</i> | 804932 |
| | Amioma | | Bone | |
| | <i>Amia</i> | 804102 | Ultrastructure | |
| | Semionotomorph | | Biochemistry | |
| | <i>Lepisosteus</i> | 804102 | Development | 807176 |
| | Geographic variation | | Descriptive evolution | 807176 |
| | Scombridae | | Development | 807176 |
| | <i>Scomberomorus cavalla</i> | 808340 | Descriptive evolution | |
| | Breathing | | Development | 807176 |
| | Anatomy | | Descriptive evolution | |
| | Cyprinidae | | | |
| | <i>Cyprinus carpio</i> | 804188 | Descriptive evolution | 804064 |
| | Function | | | |
| | Cyprinidae | | | |
| | <i>Cyprinus carpio</i> | 804188 | Pteraspidoforma | 807940 |
| | Pug head | | Lipid and fatty acid content | 803863 |
| | Abnormality | | Biochemistry | |
| | Salmonidae | | Gempylidae | |
| | <i>Salmo salar</i> | 807539 | <i>Ruvettus pretiosus</i> | 807946 |
| | Effect on fish | | Scales | |
| | Salmonidae | | Ultrastructure | |
| | <i>Salmo salar</i> | 807539 | Pleuronectidae | |
| | Infraorbital bones | | <i>Hippoglossoides elassodon</i> | 803577 |
| | Anatomy | | Development | |
| | Descriptive evolution | | Pleuronectidae | |
| | Teleostei | 807160 | <i>Hippoglossoides elassodon</i> | 803577 |
| | Monocentridae | | Vertebrae | |
| | <i>Monocentris japonicus</i> | 807160 | Change with age | |
| | Chirocentridae | | Pleuronectidae | |
| | <i>Chirocentrus dorab</i> | 807160 | <i>Kareius bicoloratus</i> | 804798 |
| | Clupeidae | 807160 | Staining | 803570 |
| | Albulidae | | Cartilage | |
| | <i>Albula vulpes</i> | 807160 | Descriptive evolution | |
| | Elopidae | | Pteraspidoforma | 803863 |
| | <i>Elops saurus</i> | 807160 | Arial skeletal muscles | |
| | Characidae | | Anatomy | |
| | <i>Brycon guatemalensis</i> | 807160 | Function | |
| | Erythrinidae | | Elasmobranchii | 803865 |
| | <i>Hoplias malabaricus</i> | 807160 | | 804699 |
| | Cyprinidae | | Scyliorhinidae | |
| | <i>Opsarichthys hainanensis</i> | 807160 | <i>Scyliorhinus caniculus</i> | 803865 |
| | Osteoglossomorph | 807160 | Dipnoi | |
| | Gymnarchidae | | <i>Protopterus aethiopicus</i> | 803865 |
| | <i>Gymnarchus niloticus</i> | 807160 | Polypteroforma | |
| | Hiodontidae | | <i>Calamoichthys calabaricus</i> | 803865 |
| | <i>Hiodon alosoides</i> | 807160 | Teleostei | 804699 |
| | Mormyridae | 807160 | | 807771 |
| | Notopteridae | 807160 | Cichlidae | |
| | Pantodontidae | | <i>Pterophyllum</i> | 803865 |
| | <i>Pantodon buchholzi</i> | 807160 | Poeciliidae | |
| | Chanidae | | <i>Xiphophorus maculatus</i> | 803865 |
| | <i>Chanos chanos</i> | 807160 | Descriptive evolution | |
| | Esocidae | | Elasmobranchii | 804087 |
| | <i>Esox americanus</i> | 807160 | Scyliorhinidae | 803865 |
| | <i>Esox lucius</i> | 807160 | <i>Scyliorhinus caniculus</i> | 803865 |
| | Synodontidae | | Dipnoi | |
| | <i>Synodus intermedius</i> | 807160 | <i>Protopterus aethiopicus</i> | 803865 |
| | Salmonidae | | Polypteroforma | |
| | Mesopterygoid | | <i>Calamoichthys calabaricus</i> | 803865 |
| | Anatomy | | Teleostei | 803865 |
| | Gobiidae | 808778 | Cichlidae | |
| | Gobioididae | | <i>Pterophyllum</i> | 803865 |
| | <i>Taenioides caeculus</i> | 808778 | Poeciliidae | |
| | Trypauchenidae | | <i>Xiphophorus maculatus</i> | 803865 |
| | <i>Ctenotrypauchen microcephalus</i> | 808778 | Histology | |
| | <i>Trypauchen vagina</i> | 808778 | Ultrastructure | |
| | Suborbital | | Cyprinidae | |
| | Anatomy | | <i>Brachydanio rerio</i> | 808991 |
| | Gobiidae | 808778 | Biochemistry | |
| | Gobioididae | | Scyliorhinidae | |
| | <i>Taenioides caeculus</i> | 808778 | <i>Scyliorhinus caniculus</i> | 805222 |
| | Trypauchenidae | | Development | |
| | <i>Ctenotrypauchen microcephalus</i> | 808778 | Cyprinidae | |
| | <i>Trypauchen vagina</i> | 808778 | <i>Brachydanio rerio</i> | 808991 |
| Myodome | | | Enzymology | |
| Chondrostei | | 807218 | Scyliorhinidae | |
| Anatomy | | | <i>Scyliorhinus caniculus</i> | 805222 |
| Cichlidae | | 804639 | Ultrastructure | |
| Salmonidae | | | Poeciliidae | |
| <i>Coregonus lavaretus</i> | | 804638 | <i>Heterandria formosa</i> | 803556 |
| Function | | | Development | |
| Channiformes | | | Salmonidae | |
| <i>Ophicephalus argus</i> | | 804932 | <i>Salmo gairdneri</i> | 807023 |
| Trichiuridae | | | Biochemistry | |
| <i>Trichiurus lepturus</i> | | 804932 | Siganidae | |
| Uranoscopidae | | | <i>Siganus oramin</i> | 805653 |
| <i>Uranoscopus scaber</i> | | 804932 | Mugiloidae | |
| Scorpaenidae | | | <i>Valamugil seheli</i> | 805653 |
| <i>Scorpaena porcus</i> | | 804932 | | |

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| Muscular system (continued) | Biochemistry | | Gempylidae | |
| | Carangidae | 806586 | <i>Ruvettus pretiosus</i> | 807946 |
| Axial skeletal muscles | <i>Trachurus japonicus</i> | | Scorpaenidae | |
| | Kyphosidae | 804320 | <i>Scorpaena porcus</i> | 807722 |
| | <i>Girella punctata</i> | | Clupeidae | |
| | Percidae | 808223 | <i>Clupeonella cultriventris</i> | 808451 |
| | <i>Perca fluviatilis</i> | | <i>Sardinella aurita</i> | 806742 |
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| Histology | | Anguillidae | | |
| Ultrastructure | | Anguilla anguilla | 805639 | |
| Dipnoi | | Cyprinidae | | |
| Neoceratodus forsteri | 807062 | Abramis brama | 805639 | |
| Innervation | | Carassius auratus | 806766 | |
| Salmonidae | | Chela bacaila | 806369 | |
| Salmo gairdneri | 804406 | Cirrhinia mrigala | 806369 | |
| Anatomy | | Nuria dandrica | 806369 | |
| Biochemistry | | Bagridae | | |
| Salmonidae | | Myxus tengara | 806369 | |
| Salmo gairdneri | 804406 | Clariidae | | |
| Pigment cells | | Clarias batrachus | 806369 | |
| Salmonidae | | Notopteridae | | |
| Salmo gairdneri | 804406 | Notopterus notopterus | 806369 | |
| Axial skeletal muscles | | Esocidae | | |
| Scyliorhinidae | | Esox lucius | 805639 | |
| Scyliorhinus caniculus | 803616 | Salmonidae | | |
| Nervous electrophysiology | | Salmo gairdneri | 805639 | |
| Scyliorhinidae | | Descriptive evolution | | |
| Scyliorhinus caniculus | 803616 | Cephalaspidomorpha | | |
| Electroreception organs | | Mimetaspis hoeli | 807170 | |
| Ultrastructure | | Myxinomorpha | | |
| Gymnarchidae | | Myxine glutinosa | 808947 | |
| Gymnarchus niloticus | 804108 | Arctolepidomorpha | | |
| Central nervous system | | Kujdanowiaspis | 807170 | |
| Lipid and fatty acid content | | Chimaeromorpha | | |
| Biochemistry | | Callorhynchus antarcticus | 807324 | |
| Dasyatidae | | Hydrologus coliei | 807324 | |
| Dasyatis americana | 809010 | Elasmobranchii | 807170 | |
| Carcharhinidae | | Carcharhinidae | | |
| Negaprion brevirostris | 809010 | Cynias canis | 806766 | |
| Orectolobidae | | Scoliodon | 806766 | |
| Ginglymostoma cirratum | 809010 | Sphyrnidae | | |
| Carangidae | | Sphyrna | 806766 | |
| Caranx ruber | 809010 | Heterodontiformes | | |
| Brain | | Heterodontus japonicus | 806766 | |
| Acipenseromorpha | | Hexanchiformes | | |
| Saurichthys madagascariensis | 807218 | Chlamydoselachus anguineus | 806766 | |
| Paleonisciformes | 807218 | Pristiophoridae | | |
| Parasemionotomorpha | 807218 | Pristiophorus | 806766 | |
| Anatomy | | Dipnoi | | |
| Cynoglossidae | | Chirodipterus wildungensis | 807170 | |
| Cynoglossus bilineatus | 804142 | Neoceratodus forsteri | 807170 | |
| Clariidae | | Protopterus aethiopicus | 806766 | |
| Clarias batrachus | 806409 | Osteolepidomorpha | | |
| Histology | | Eusthenopteron foordi | 807170 | |
| Chimaeromorpha | | Coelacanthini | | |
| Callorhynchus antarcticus | 807324 | Latimeria chalumnae | 806766 | |
| Hydrologus coliei | 807324 | | 807170 | |
| Function | | Nesides schmidtii | 807170 | |
| Alipiidae | | Paleonisciformes | | |
| Alipias superciliosus | 807325 | Pteroniscus stenioei | 807170 | |
| Alipias vulpinus | 807325 | Polypteromorpha | | |
| Carcharhinidae | | Polypterus bichir | 806766 | |
| Carcharhinus | 807325 | Cyprinidae | | |
| Cynias canis | 806766 | Carassius auratus | 806766 | |
| Prionace glauca | 807325 | Inheritance | | |
| Scoliodon | 806766 | Cyprinidae | | |
| Isuridae | | Carassius auratus X | | |
| Isurus glaucus | 807325 | Cyprinus carpio X | 808781 | |

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| Nervous system (continued) | Feeding | | Cyprinidae | |
| | Anguillidae | | <i>Carassius auratus</i> | 803655 |
| Brain | <i>Anguilla anguilla</i> | 805639 | Oxidative metabolism | |
| | Cyprinidae | | Biochemistry | |
| | <i>Abramis brama</i> | 805639 | Petromyzontomorpha | |
| | Esocidae | | <i>Petromyzon marinus</i> | 806485 |
| | <i>Esox lucius</i> | 805639 | Larva | |
| | Salmonidae | | Petromyzontomorpha | |
| | <i>Salmo gairdneri</i> | 805639 | <i>Petromyzon marinus</i> | 806485 |
| | Biochemistry | | Carbohydrate metabolism | |
| | Protein synthesis | | Biochemistry | |
| | Cyprinidae | | Petromyzontomorpha | |
| | <i>Brachydanio rerio</i> | 809098 | <i>Lampetra fluviatilis</i> | 806306 |
| | DNA content and function | | Experimental analysis | |
| | Cyprinidae | | Petromyzontomorpha | |
| | <i>Brachydanio rerio</i> | 809098 | <i>Lampetra fluviatilis</i> | 806306 |
| | Glycine | | Optic tectum | |
| | Function | | Anatomy | |
| | Ictaluridae | | Cyprinidae | |
| | <i>Ictalurus punctatus</i> | 804035 | <i>Carassius auratus</i> | 805687 |
| | Experimental analysis | | Experimental analysis | |
| | Teleostei | 804826 | Cyprinidae | |
| | Developmental analysis | | <i>Carassius auratus</i> | 805687 |
| | Cyprinodontidae | 805708 | Olfactory nerve | |
| | Descriptive evolution | | Experimental analysis | |
| | | 807940 | Muraenidae | 804349 |
| | Acclimation | | Sense organs | |
| | Temperature | | Anatomy | |
| | Cyprinidae | | Mastacembelidae | |
| | <i>Carassius auratus</i> | 806524 | <i>Mastacembelus armatus</i> | 806410 |
| | Protein content | | Cyprinidae | 806383 |
| | Biochemistry | | <i>Labo gonius</i> | 806410 |
| | Cyprinidae | | Clariidae | |
| | <i>Carassius auratus</i> | 803655 | <i>Clarias batrachus</i> | 806410 |
| | Lipid and fatty acid content | | Notopteridae | |
| | Histology | | <i>Notopterus notopterus</i> | 806410 |
| | Cyprinidae | | Function | |
| | <i>Barbus ticto</i> | 807146 | Mastacembelidae | |
| | Notopteridae | | <i>Mastacembelus armatus</i> | 806410 |
| | <i>Notopterus notopterus</i> | 807146 | Cyprinidae | 806383 |
| | Biochemistry | | <i>Labo gonius</i> | 806410 |
| | Nototheniidae | | Clariidae | |
| | <i>Trematomus bernacchi</i> | 804038 | <i>Clarias batrachus</i> | 806410 |
| | Cottidae | | Notopteridae | |
| | <i>Leptocottus armatus</i> | 804038 | <i>Notopterus notopterus</i> | 806410 |
| | Cyprinidae | | Sound reception | |
| | <i>Barbus ticto</i> | 807146 | Nervous electrophysiology | |
| | <i>Carassius auratus</i> | 804038 | Cyprinidae | |
| | Notopteridae | | <i>Carassius auratus</i> | 806996 |
| | <i>Notopterus notopterus</i> | 807146 | Chemical senses | |
| | Salmonidae | | Visual senses | |
| | <i>Oncorhynchus nerka</i> | 808946 | Function | |
| | Migrations | | Gasterosteidae | |
| | Salmonidae | | <i>Culaea inconstans</i> | 807317 |
| | <i>Oncorhynchus nerka</i> | 808946 | Cichlidae | |
| | Glucose content | | <i>Cichlasoma nigrofasciatum</i> | 807317 |
| | Experimental analysis | | Characidae | |
| | Batrachoidiformes | | <i>Corynopoma riisei</i> | 807317 |
| | <i>Opsanus tau</i> | 805028 | Ictaluridae | |
| | Protein synthesis | | <i>Ictalurus natalis</i> | 807317 |
| | Biochemistry | | Adrenaline | |
| | Cyprinidae | | Biochemistry | |
| | <i>Carassius auratus</i> | 803655 | Cyprinidae | |
| | DNA content and function | | <i>Carassius auratus</i> | 805221 |
| | Pleuronectidae | | Experimental analysis | |
| | <i>Pseudopleuronectes yokohamae</i> | 807720 | Cyprinidae | |
| | Migrations | | <i>Carassius auratus</i> | 805221 |
| | Salmonidae | | Noradrenaline | |
| | <i>Oncorhynchus gorbuscha</i> | 807654 | Biochemistry | |
| | RNA content and function | | Cyprinidae | |
| | Migrations | | <i>Carassius auratus</i> | 805221 |
| | Salmonidae | | Experimental analysis | |
| | <i>Oncorhynchus gorbuscha</i> | 807654 | Cyprinidae | |
| | Enzymology | | <i>Carassius auratus</i> | 805221 |
| | Biochemistry | | Insulin | |
| | Salmonidae | | Biochemistry | |
| | <i>Salmo gairdneri</i> | 804661 | Petromyzontomorpha | |
| | Isoenzymes | | <i>Lampetra fluviatilis</i> | 806306 |
| | Biochemistry | | Experimental analysis | |
| | Zoarctidae | | Petromyzontomorpha | |
| | <i>Zoarces viviparus</i> | 805115 | <i>Lampetra fluviatilis</i> | 806306 |
| | LDH isoenzymes | | Arterial system | |
| | Biochemistry | | Anatomy | |
| | Bothidae | 804476 | Alopiidae | |
| | | 804477 | <i>Alopias vulpinus</i> | 805069 |
| | Pleuronectidae | 804476 | Change with age | |
| | | 804477 | Cytology | |
| | Soleidae | | Poeciliidae | |
| | <i>Microchirus variegatus</i> | 804477 | <i>Poecilia reticulata</i> | 804718 |
| | <i>Solea solea</i> | 804477 | Allometry | |
| | Gadidae | | Weight length relationship | |
| | <i>Gadus morhua</i> | 804449 | Dasyatidae | |
| | Intermediary metabolism | | <i>Dasyatis pastinaca</i> | 805364 |
| | Biochemistry | | | |

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| Rajidae | | <i>Myoxocephalus scorpius</i> | 808942 | Nervous system (continued) |
| <i>Raja clavata</i> | 805364 | Anguillidae | | |
| Squalidae | | <i>Anguilla rostrata</i> | 808942 | |
| <i>Squalus acanthias</i> | 805364 | Nitrogen metabolism | | |
| Carangidae | | Biochemistry | | |
| <i>Trachurus mediterraneus</i> | 805364 | Squalidae | | Brain |
| Emmelichthyidae | | <i>Squalus acanthias</i> | 806806 | |
| <i>Spicara smaris</i> | 805364 | Cottidae | | |
| Mullidae | | <i>Myoxocephalus scorpius</i> | 806806 | |
| <i>Mullus barbatus</i> | 805364 | Anguillidae | | |
| Percidae | | <i>Anguilla rostrata</i> | 806806 | |
| <i>Stizostedion lucioperca</i> | 805364 | Histamine | | |
| Scombridae | | Biochemistry | | |
| <i>Sarda sarda</i> | 805364 | Cyprinidae | | |
| <i>Scomber scombrus</i> | 805364 | <i>Carassius auratus</i> | 804906 | |
| Clupeidae | | Monoaminergic neurones | | |
| <i>Alosa pontica</i> | 805364 | Anatomy | | |
| Cyprinidae | | Biochemistry | | |
| <i>Aspius aspius</i> | 805364 | Anguillidae | | |
| <i>Cyprinus carpio</i> | 805364 | <i>Anguilla anguilla</i> | 805216 | |
| Esocidae | | Monoamines | | |
| <i>Esox lucius</i> | 805364 | Biochemistry | | |
| Temperature | | Experimental analysis | | |
| Biochemistry | | Poeciliidae | | |
| Cyprinodontidae | | <i>Poecilia reticulata</i> | 805603 | |
| <i>Fundulus heteroclitus</i> | 804227 | Cyprinidae | | |
| Cyprinidae | | <i>Carassius auratus</i> | 805603 | |
| <i>Carassius auratus</i> | 804227 | <i>Cyprinus carpio</i> | 805603 | |
| Salmonidae | | Peptide | | |
| <i>Salmo salar</i> | 804881 | Nitrogenous content | | |
| <i>Salvelinus fontinalis</i> | 804881 | Biochemistry | | |
| Acclimation | | Rajidae | | |
| Salmonidae | | <i>Raja clavata</i> | 808358 | |
| <i>Salmo salar</i> | 804881 | Squalidae | | |
| <i>Salvelinus fontinalis</i> | 804881 | <i>Squalus acanthias</i> | 808358 | |
| Acivation | | Acipenseromorpha | | |
| Biochemistry | | <i>Acipenser gueldenstaedti</i> | 808358 | |
| Dipnoi | | Percidae | | |
| <i>Protopterus aethiopicus</i> | 807039 | <i>Stizostedion lucioperca</i> | 808358 | |
| Gerontological pathologies | | Tetraphenylborate | | |
| Biochemistry | | Biochemistry | | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus gorbusha</i> | 808379 | Cyprinidae | | |
| Enzymology | | <i>Carassius auratus</i> | 805562 | |
| Salmonidae | | Telencephalon | | |
| <i>Oncorhynchus gorbusha</i> | 808379 | Gadidae | | |
| Captive vs natural fishes | | <i>Euclichthys polynemus</i> | 805858 | |
| Anatomy | | <i>Melanonus gracilis</i> | 805858 | |
| Sparidae | | Anatomy | | |
| <i>Pagrus major</i> | 805624 | Dipnoi | | |
| Embryo transplantation | | <i>Neoceratodus forsteri</i> | 807253 | |
| Effect on fish | | Acipenseromorpha | 803957 | |
| Cichlidae | | Holostei | 803957 | |
| <i>Tilapia melanotheron</i> | 808760 | Syngnathidae | | |
| Acetylcholine | | <i>Hippocampus hippocampus</i> | 804562 | |
| Biochemistry | | <i>Syngnathus typhle</i> | 804562 | |
| Cyprinidae | | Blenniidae | | |
| <i>Carassius auratus</i> | 803727 | <i>Blennius fluviatilis</i> | 804562 | |
| Acetylcholinesterase | | <i>Blennius pavo</i> | 804562 | |
| Enzymology | | Labridae | 804562 | |
| Biochemistry | | Mastacembelidae | | |
| Dipnoi | | <i>Mastacembelus armatus</i> | 804562 | |
| <i>Protopterus annectens</i> | 808952 | Mugiloidae | | |
| Salmonidae | | <i>Liza auratus</i> | 804562 | |
| <i>Salmo gairdneri</i> | 807480 | Centrarchidae | | |
| Experimental analysis | | <i>Lepomis gibbosus</i> | 804562 | |
| Salmonidae | | Cichlidae | | |
| <i>Salmo gairdneri</i> | 807480 | <i>Pterophyllum scalare</i> | 804562 | |
| Seasonal changes | | Emmelichthyidae | | |
| Dipnoi | | <i>Maena smaris</i> | 804562 | |
| <i>Protopterus annectens</i> | 808952 | Mullidae | | |
| Acetylhistidine | | <i>Mullus surmuletus</i> | 804562 | |
| Intermediary metabolism | | Serranidae | 804562 | |
| Biochemistry | | Sparidae | 804562 | |
| Cyprinidae | | Trachinidae | | |
| <i>Carassius auratus</i> | 809090 | <i>Trachinus vipera</i> | 804562 | |
| Amino acids | | Uranoscopidae | | |
| Biochemistry | | <i>Uranoscopus scaber</i> | 804562 | |
| Rajidae | | Bothidae | | |
| <i>Raja clavata</i> | 805257 | <i>Arnoglossus latera</i> | 804562 | |
| Squalidae | | Scorpaenidae | | |
| <i>Squalus acanthias</i> | 805257 | <i>Scorpaena notata</i> | 804562 | |
| Change with age | | <i>Scorpaena porcus</i> | 804562 | |
| Acipenseromorpha | | Tetraodontidae | | |
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| <i>Acipenser stellatus</i> | 805257 | Poeciliidae | 804562 | |
| Percidae | | Belonidae | | |
| <i>Stizostedion lucioperca</i> | 805257 | <i>Belone bellone</i> | 804562 | |
| Glutamine synthetase | | Clupeidae | | |
| Enzymology | | <i>Sardina pilchardus</i> | 804562 | |
| Biochemistry | | Anguillidae | | |
| Squalidae | | <i>Anguilla anguilla</i> | 804562 | |
| <i>Squalus acanthias</i> | 808942 | Congridae | | |
| Cottidae | | <i>Conger conger</i> | 804562 | |

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| Nervous system (continued) | Muraenidae | | Cyprinidae | |
| | <i>Muraena helena</i> | 804562 | <i>Carassius auratus</i> | 806276 |
| | Characidae | 804562 | Instrumental conditioning | |
| | Cyprinidae | 804562 | Cyprinidae | |
| | Callichthyidae | | <i>Carassius auratus</i> | 806276 |
| Brain | <i>Corydoras acneus</i> | 804562 | Temperature | |
| | Ictaluridae | | Experimental analysis | |
| | <i>Ictalurus nebulosus</i> | 804562 | Cottidae | |
| | Salmonidae | | <i>Myoxocephalus scorpioides</i> | 808768 |
| | <i>Salmo trutta</i> | 804562 | <i>Myoxocephalus scorpius</i> | 808768 |
| Histology | Petromyzontomorpha | | Aestivation | |
| | <i>Petromyzon marinus</i> | 803957 | Experimental analysis | |
| | Chimaeromorpha | | Dipnoi | |
| | <i>Chimaera monstrosa</i> | 805102 | <i>Protopterus annectens</i> | 806294 |
| | | 805103 | Steroid metabolism | |
| | | 806905 | Dipnoi | |
| | <i>Hydrolagus</i> | 805102 | <i>Protopterus annectens</i> | 806294 |
| | Elasmobranchii | 803957 | Nervous electrophysiology | |
| | Teleostei | 803957 | Dipnoi | |
| | | 803957 | <i>Protopterus annectens</i> | 806294 |
| Function | | | Thyroid hormone | |
| | Petromyzontomorpha | | Dipnoi | |
| | <i>Petromyzon marinus</i> | 803957 | <i>Protopterus annectens</i> | 806294 |
| | Elasmobranchii | 803957 | Habitat preference | |
| | Teleostei | 803957 | Experimental analysis | |
| Development | | | Cottidae | |
| | Dipnoi | | <i>Myoxocephalus scorpioides</i> | 808768 |
| | <i>Neoceratodus forsteri</i> | 807172 | <i>Myoxocephalus scorpius</i> | 808768 |
| | <i>Protopterus dolloi</i> | 807172 | Avoidance conditioning | |
| | Coelacanthini | | Experimental analysis | |
| | <i>Latimeria chalumnae</i> | 807172 | Cichlidae | |
| | Polypteromorpha | | <i>Tilapia melanotheron</i> | 809017 |
| | <i>Polypterus senegalensis</i> | 807172 | | 809028 |
| | <i>Polypterus senegalus</i> | 805134 | Cyprinidae | |
| | Amiomorpha | | <i>Carassius auratus</i> | 806186 |
| | <i>Amia calva</i> | 807172 | | 809018 |
| | Descriptive evolution | | | 809091 |
| | Dipnoi | | Brain injury | |
| | <i>Neoceratodus forsteri</i> | 807172 | Cyprinidae | |
| | <i>Protopterus dolloi</i> | 807172 | <i>Carassius auratus</i> | 809091 |
| Coelacanthini | <i>Latimeria chalumnae</i> | 807172 | Instrumental conditioning | |
| | Polypteromorpha | | Experimental analysis | |
| | <i>Polypterus senegalensis</i> | 807172 | Cyprinidae | |
| | Amiomorpha | | <i>Carassius auratus</i> | 808328 |
| | <i>Amia calva</i> | 807172 | | 808330 |
| Channiformes | <i>Channa striatus</i> | 805692 | Brain injury | |
| | Mastacembelidae | | Cyprinidae | |
| | <i>Mastacembelus armatus</i> | 805692 | <i>Carassius auratus</i> | 808328 |
| | Cyprinidae | | | 808330 |
| | <i>Barbus ticto</i> | 805692 | Interocular transfer | |
| Histology | | | Experimental analysis | |
| | Descriptive evolution | | Cyprinidae | |
| | Lophidae | | <i>Carassius auratus</i> | 806249 |
| | <i>Lophius piscatorius</i> | 807173 | Avoidance conditioning | |
| | | | Cyprinidae | |
| Function | | | <i>Carassius auratus</i> | 806249 |
| | Labridae | | | |
| | <i>Crenilabrus tinca</i> | 804826 | Diencephalon | |
| | Dextrality or sinistrality | | Anatomy | |
| | Anatomy | | Descriptive evolution | |
| Cynoglossidae | <i>Cynoglossus bilineatus</i> | 804142 | Dipnoi | |
| | | | <i>Protopterus</i> | 807255 |
| | | | Histology | |
| | | | Ultrastructure | |
| | | | Dipnoi | |
| Cell division | | | <i>Neoceratodus forsteri</i> | 807062 |
| | Cytology | | | |
| | Poeciliidae | | Development | |
| | <i>Poecilia reticulata</i> | 805823 | Poeciliidae | |
| | | | <i>Poecilia reticulata</i> | 804718 |
| Change with age | | | | |
| | Poeciliidae | | | |
| | <i>Poecilia reticulata</i> | 805823 | | |
| | Nervous electrophysiology | | Habenula | |
| | Dipnoi | | Anatomy | |
| Olfactory nerve | <i>Protopterus annectens</i> | 808953 | Function | |
| | Experimental analysis | | Channiformes | |
| | Orectolobidae | | <i>Channa striatus</i> | 805872 |
| | <i>Ginglymostoma cirratum</i> | 807175 | Mastacembelidae | |
| | Nerve transection | | <i>Mastacembelus armatus</i> | 805872 |
| Orectolobidae | <i>Ginglymostoma cirratum</i> | 807175 | Cynoglossidae | |
| | | | <i>Plagusia bilineata</i> | 805872 |
| | | | Tetraodontidae | |
| | | | <i>Tetraodon oblongus</i> | 805872 |
| | | | Cyprinidae | |
| Chemical senses | | | <i>Barbus ticto</i> | 805872 |
| | Function | | Clariidae | |
| | Cyprinidae | | <i>Clarias batrachus</i> | 805872 |
| | <i>Carassius auratus</i> | 805016 | Paraventricular organ | |
| | | 805017 | | |
| Nose | | | Histology | |
| | Experimental analysis | | Biochemistry | |
| | Dipnoi | | Poeciliidae | |
| | <i>Protopterus annectens</i> | 808953 | <i>Poecilia reticulata</i> | 805603 |
| | Shape discrimination | | Development | |
| | Experimental analysis | | Poeciliidae | |
| | Cyprinidae | | <i>Poecilia reticulata</i> | 805603 |
| | <i>Carassius auratus</i> | 806276 | | |
| | Avoidance conditioning | | | |

| Thalamus | | Nervous system | |
|------------------------------------|--------|-----------------------------------|--------|
| Anatomy | | Function | |
| Dipnoi | | Cyprinidae | |
| <i>Protopterus</i> | 807255 | <i>Carassius auratus</i> | 804660 |
| Ultrastructure | | Optic nerve | |
| Acipenseromorpha | | Histology | |
| <i>Acipenser medirostris</i> | 805151 | Cottidae | |
| <i>Acipenser transmontanus</i> | 805151 | <i>Myoxocephalus scorpius</i> | 807326 |
| <i>Polyodon spathula</i> | 805151 | Nerve transection | |
| Descriptive evolution | | Cottidae | |
| Acipenseromorpha | | <i>Myoxocephalus scorpius</i> | 807326 |
| <i>Acipenser medirostris</i> | 805151 | Regeneration | |
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| <i>Polyodon spathula</i> | 805151 | Poeciliidae | |
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| Descriptive evolution | | Metencephalon | |
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| <i>Trygon pastinaca</i> | 804764 | Squalidae | |
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| <i>Raja clavata</i> | 804764 | Histology | |
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| Histology | | <i>Raja batis</i> | 806094 |
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| <i>Platyrrhinoidis triseriata</i> | 806099 | <i>Platyrrhinoidis triseriata</i> | 806099 |
| Experimental analysis | | Torpedinidae | |
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| <i>Holocentrus</i> | 807143 | | 806096 |
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| Nervous system (continued) | Scyliorhinidae | | Merlucciidae | |
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| | <i>Gnathonemus petersi</i> | 806095 | <i>Lophius budegassa</i> | 804563 |
| | | 806095 | Synodontidae | |
| | <i>Petrocephalus bovei</i> | 806096 | <i>Synodus saurus</i> | 804563 |
| | | | Salmonidae | |
| Experimental analysis | | | <i>Salmo trutta</i> | 804563 |
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| <i>Urolophus halleri</i> | 806099 | | <i>Argyropelecus hemigymnus</i> | 804563 |
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| <i>Platyrrhinoidis triseriata</i> | 806099 | | Carcharhinidae | |
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| Petromyzontomorpha | 806104 | | Cyprinidae | |
| Descriptive evolution | | | <i>Carassius auratus</i> | 805818 |
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| Petromyzontomorpha | 806093 | | Function | |
| | 806104 | | Dasyatiidae | |
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| Histology | | | <i>Rhinobatos productus</i> | 803567 |
| Ultrastructure | | | Heterodontiformes | |
| Mormyridae | | | <i>Heterodontus francisci</i> | 803567 |
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| Function | | | Carcharhinidae | |
| Carcharhinidae | | | <i>Mustelus canis</i> | 806101 |
| <i>Mustelus canis</i> | 804918 | | Scyliorhinidae | |
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| Cichlidae | | | | 809028 |
| <i>Pterophyllum scalare</i> | 804563 | | CNS integration | |
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| Exocoetidae | | | Amiomorpha | |
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| <i>Sardina pilchardus</i> | 804563 | | Anatomy | |
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| <i>Conger conger</i> | 804563 | | <i>Xenentodon cancila</i> | 804140 |
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| Characidae | 804563 | | Histology | |
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| <i>Corydoras melanistius</i> | 804563 | | <i>Neoceratodus forsteri</i> | 807253 |
| Ictaluridae | | | Histology | |
| <i>Ictalurus nebulosus</i> | 804563 | | Chimaeromorpha | |
| Gadidae | | | <i>Chimaera monstrosa</i> | 806905 |
| <i>Phycis blennoides</i> | 804563 | | Elasmobranchii | 803957 |
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| Teleostei | 803957 | <i>Carassius auratus</i> | 803902 | | |
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| <i>Syngnathus typhle</i> | 804562 | <i>Barbus ticto</i> | 805148 | | |
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| <i>Blennius pavo</i> | 804562 | Cyprinidae | | | |
| Labridae | 804562 | <i>Carassius auratus</i> | 809019 | | |
| Mastacembelidae | | Experimental analysis | | | |
| <i>Mastacembelus armatus</i> | 804562 | Cyprinidae | | | |
| Mugiloidi | | <i>Carassius auratus</i> | 809019 | | |
| <i>Liza auratus</i> | 804562 | Oculomotor nerve | | | |
| Centrarchidae | | Ultrastructure | | | |
| <i>Lepomis gibbosus</i> | 804562 | Diodontidae | | | |
| Cichlidae | | <i>Chilomycterus schoepfi</i> | 806102 | | |
| <i>Pterophyllum scalare</i> | 804562 | Synapses | | | |
| Emmelichthyidae | | Ultrastructure | | | |
| <i>Maena smaris</i> | 804562 | Diodontidae | | | |
| Mullidae | | <i>Chilomycterus schoepfi</i> | 808774 | | |
| <i>Mullus surmuletus</i> | 804562 | Tetraodontidae | | | |
| Serranidae | 804562 | <i>Sphoeroides maculatus</i> | 808774 | | |
| <i>Epinephelus guaza</i> | 803614 | Experimental analysis | | | |
| Sparidae | 804562 | Diodontidae | | | |
| Trachinidae | | <i>Chilomycterus schoepfi</i> | 808774 | | |
| <i>Trachinus vipera</i> | 804562 | Tetraodontidae | | | |
| Uranoscopidae | | <i>Sphoeroides maculatus</i> | 808774 | | |
| <i>Uranoscopus scaber</i> | 804562 | CNS integration | | | |
| Bothidae | | Experimental analysis | | | |
| <i>Arnoglossus laterna</i> | 804562 | Channiformes | | | |
| Scorpaenidae | | <i>Channa argus</i> | 806102 | | |
| <i>Scorpaena notata</i> | 804562 | Diodontidae | | | |
| <i>Scorpaena porcus</i> | 804562 | <i>Chilomycterus schoepfi</i> | 806102 | | |
| Tetraodontidae | | Ciliary ganglion | | | |
| <i>Tetraodon fluviatilis</i> | 804562 | Anatomy | | | |
| Poeciliidae | 804562 | Histology | | | |
| Belontiidae | | Function | | | |
| <i>Belone bellone</i> | 804562 | Acipenseromorpha | | | |
| Clupeidae | | <i>Acipenser ruthenus</i> | 807214 | | |
| <i>Sardina pilchardus</i> | 804562 | Percidae | | | |
| Anguillidae | | <i>Perca fluviatilis</i> | 807214 | | |
| <i>Anguilla anguilla</i> | 804562 | <i>Stizostedion lucioperca</i> | 807214 | | |
| Congridae | | Cobitidae | | | |
| <i>Conger conger</i> | 804562 | <i>Misgurnus fossilis</i> | 807214 | | |
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| <i>Muraena helena</i> | 804562 | Cyprinidae | 807214 | | |
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| Cyprinidae | 804562 | <i>Ictalurus nebulosus</i> | 807214 | | |
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| <i>Tinca tinca</i> | 803614 | <i>Silurus glanis</i> | 807214 | | |
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| <i>Ictalurus nebulosus</i> | 804562 | <i>Salmo trutta</i> | 807214 | | |
| Salmonidae | | Trochlear nerve | | | |
| <i>Salmo trutta</i> | 804562 | Anatomy | | | |
| Ultrastructure | | Histology | | | |
| Teleostei | 804564 | Mugiloidi | | | |
| Kyphosidae | | <i>Mugil cephalus</i> | 805527 | | |
| <i>Oblada melanura</i> | 804564 | Ultrastructure | | | |
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| <i>Epinephelus guaza</i> | 803614 | <i>Mugil cephalus</i> | 805527 | | |
| Cyprinidae | 804564 | Acousticolateralis nerve | | | |
| <i>Leuciscus cephalus</i> | 803614 | Nervous electrophysiology | | | |
| <i>Channa argus</i> | 804564 | Channiformes | | | |
| <i>Tinca tinca</i> | 803614 | <i>Channa argus</i> | 806102 | | |
| Experimental analysis | 804564 | Glossopharyngeal nerve | | | |
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| <i>Tinca tinca</i> | 803614 | Nandidae | | | |
| Chemical sensitivity and acuity | | <i>Nandus nandus</i> | 804747 | | |
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| Percidae | | <i>Cynoglossus bilineatus</i> | 804747 | | |
| <i>Stizostedion lucioperca</i> | 804027 | Belontiidae | | | |
| Cyprinidae | | <i>Xenentodon cancila</i> | 804747 | | |
| <i>Carassius carassius</i> | 809054 | Cyprinidae | | | |
| Gadidae | | <i>Cirrhina mrigala</i> | 804747 | | |
| <i>Lota lota</i> | 804027 | Notopteridae | | | |
| Estrogens | | <i>Notopterus notopterus</i> | 804747 | | |
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| Cyprinidae | | Anatomy | | | |
| <i>Carassius auratus</i> | 804540 | Cottidae | | | |
| Nerve transection | | <i>Hemiripiterus americanus</i> | 804877 | | |
| Experimental analysis | | Function | | | |
| Muraenidae | 804349 | Cottidae | | | |
| Optic nerve | | <i>Hemiripiterus americanus</i> | 804877 | | |
| Abnormality | | Vagus nerve | | | |
| Descriptive evolution | | Anatomy | | | |
| Cyprinidae | | Nandidae | | | |
| <i>Barbus canis</i> | 805479 | <i>Nandus nandus</i> | 805013 | | |
| | | Cynoglossidae | | | |
| | | <i>Cynoglossus bilineatus</i> | 805013 | | |

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| Nervous system (continued) | Belontiidae | | Somatic motor nervous system | |
| | <i>Xenentodon cancila</i> | 805013 | | Galvanotaxis |
| | Clupeidae | | | Experimental analysis |
| | <i>Hilsa ilisha</i> | 805013 | | Anguillidae |
| | Cyprinidae | | | <i>Anguilla anguilla</i> |
| | <i>Cirrhina mrigala</i> | 805013 | | Spinal cord injury |
| | Clariidae | | | Anguillidae |
| | <i>Clarias batrachus</i> | 805013 | | <i>Anguilla anguilla</i> |
| | Notopteridae | | | 807931 |
| | <i>Notopterus notopterus</i> | 805013 | | Mauthner neurone |
| Ion and water relationships | | | | Ultrastructure |
| Experimental analysis | | | | Cyprinidae |
| Anguillidae | | | | <i>Tinca tinca</i> |
| <i>Anguilla anguilla</i> | 804935 | | | Protein synthesis |
| Gills | | | | Biochemistry |
| Anatomy | | | | Cyprinidae |
| Cottidae | | | | <i>Carassius auratus</i> |
| <i>Hemibarbus asotus</i> | 804877 | | | RNA content and function |
| Function | | | | Cyprinidae |
| Cottidae | | | | <i>Carassius auratus</i> |
| <i>Hemibarbus asotus</i> | 804877 | | | 805816 |
| Stomach | | | | Synapses |
| Biochemistry | | | | Anatomy |
| Gadidae | | | | Gasteropelecidae |
| <i>Gadus morhua</i> | 806631 | | | <i>Gasteropelecus</i> |
| Nervous electrophysiology | | | | Histology |
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| <i>Gadus morhua</i> | 806631 | | | <i>Gasteropelecus</i> |
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| | | | | <i>Gasteropelecus</i> |
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| Spinal cord | | | | Supramedullary neurones |
| Anatomy | | | | Ultrastructure |
| Descriptive evolution | | | | Biochemistry |
| Myxinoidea | | | | Tetraodontidae |
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| <i>Poecilia reticulata</i> | 808947 | | | Autonomic nervous system |
| Histology | | | | Anatomy |
| Cyprinidae | | | | Function |
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| Polypertomorphs | | | | Elasmobranchii |
| <i>Polypterus endlicheri</i> | 803860 | | | Teleostei |
| Cyprinidae | | | | Descriptive evolution |
| <i>Carassius auratus</i> | 805818 | | | Myxinoidea |
| <i>Tinca tinca</i> | 805818 | | | Petromyzontomorphs |
| Biochemistry | | | | Elasmobranchii |
| Glycine | | | | Teleostei |
| Function | | | | 807934 |
| Ictaluridae | | | | 807934 |
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| Abnormality | | | | Histology |
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| Poeciliidae | | | | Characidae |
| <i>Poecilia reticulata</i> | 803860 | | | <i>Corynopoma risei</i> |
| Regeneration | | | | Ciliary ganglion |
| Experimental analysis | | | | Anatomy |
| Cyprinidae | | | | Histology |
| <i>Carassius auratus</i> | 804342 | | | Function |
| | 804347 | | | Acipenseromorphs |
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| Scyliorhinidae | | | | <i>Perca fluviatilis</i> |
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| Cottidae | | | | Cyprinidae |
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| | Function | | Histology | |
| | Salmonidae | | Function | |
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| | Experimental analysis | | <i>Acipenser transmontanus</i> | 806243 |
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| | <i>Salmo clarki</i> | 807419 | Acipenseromorpha | |
| | Dominance social hierarchy | | <i>Acipenser transmontanus</i> | 806243 |
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| | Physical and mechanical properties | | <i>Heterodontus francisci</i> | 803729 |
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| | <i>Salmo gairdneri</i> | 804036 | Experimental analysis | |
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| | Cyprinidae | | <i>Ginglymostoma cirratum</i> | 804238 |
| | <i>Carassius auratus</i> | 804906 | Scyliorhinidae | |
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| | Development | | <i>Cephaloscyllium uter</i> | 804238 |
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| | Vitreous humor | | Carcharinidae | 804238 |
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| Salmonidae | | Descriptive evolution | | |
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| | Mitochondria | | <i>Carassius auratus</i> | 806276 |
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| | <i>Calamoichthys calabaricus</i> | 806015 | <i>Pleuronectes platessa</i> | 806576 |
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| <i>Oncorhynchus tshawytscha</i> | | Anatomy | |
| 805152 | | Experimental analysis | |
| Biochemistry | | Teleostei | 809070 |
| Dipnoi | | Experimental analysis | |
| <i>Protopterus aethiopicus</i> | | Petromyzontomorpha | |
| 804414 | | <i>Lampetra fluviatilis</i> | 806305 |
| Effect on fish | | Adrenocorticotrophic hormone | |
| Hemodynamics | | Experimental analysis | |
| Anguillidae | | Elasmobranchii | 809075 |
| <i>Anguilla anguilla</i> | | Teleostei | 809075 |
| 805224 | | Cyprinidae | |
| Vasotocin | | <i>Carassius auratus</i> | 804210 |
| Anguillidae | | Thyroid stimulating hormone | |
| <i>Anguilla anguilla</i> | | Petromyzontomorpha | 809073 |
| Ultrastructure | | Elasmobranchii | 809073 |
| Salmonidae | | Teleostei | 809073 |
| <i>Oncorhynchus tshawytscha</i> | | Gonadotropin | |
| 805152 | | Experimental analysis | |
| Function | | Heteropneustidae | |
| Petryomyzontomorpha | | <i>Heteropneustes fossilis</i> | 804350 |
| Elasmobranchii | | Thyroid hormone | |
| 809071 | | Experimental analysis | |
| Acipenseromorpha | | Anguillidae | |
| 809071 | | <i>Anguilla anguilla</i> | 804541 |
| Teleostei | | In vitro techniques | |
| 809071 | | Experimental analysis | |
| Biochemistry | | Myxiniomorpha | |
| Dipnoi | | <i>Myxine glutinosa</i> | 806302 |
| <i>Protopterus aethiopicus</i> | | Descriptive evolution | |
| 804414 | | Myxiniomorpha | |
| Polypteromorpha | | <i>Myxine glutinosa</i> | 806302 |
| <i>Polypterus senegalus</i> | | Reserpine | |
| 804414 | | Prolactin | |
| Effect on fish | | Experimental analysis | |
| Ion and water relationships | | Heteropneustidae | |
| Anguillidae | | <i>Heteropneustes fossilis</i> | 806288 |
| <i>Anguilla anguilla</i> | | Adenohypophysis | |
| 803820 | | Anatomy | |
| Hemodynamics | | Carcharinidae | |
| Anguillidae | | <i>Mustelus canis</i> | 804555 |
| <i>Anguilla anguilla</i> | | Gobiesociformes | |
| 805224 | | <i>Aspasma</i> | 808902 |
| Agglomerular kidney | | Histology | |
| Batrachoidiformes | | Chimaeromorpha | 809070 |
| <i>Batrachoides</i> | | Elasmobranchii | 809070 |
| 804611 | | Polypteromorpha | 809070 |
| Opsanus tau | | Amiomorpha | |
| Neurohypophysis | | <i>Amia calva</i> | 809070 |
| Biochemistry | | Teleostei | 809070 |
| Anguillidae | | Channiformes | 805417 |
| <i>Anguilla anguilla</i> | | Belontiidae | |
| 808960 | | <i>Trichogaster fasciatus</i> | 805417 |
| Isotocin | | Gobiidae | |
| Anguillidae | | <i>Glossogobius giuris</i> | 805417 |
| <i>Anguilla anguilla</i> | | Mastacembelidae | |
| Ultrastructure | | <i>Macrogynathus aculeatus</i> | 805417 |
| Function | | <i>Mastacembelus armatus</i> | 805417 |
| Polypteromorpha | | <i>Mastacembelus pancalus</i> | 805417 |
| Amiomorpha | | | |
| <i>Amia calva</i> | | | |
| 809071 | | | |
| Semionotomorpha | | | |
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| 809071 | | | |
| Biochemistry | | | |
| Polypteromorpha | | | |
| <i>Polypterus senegalus</i> | | | |
| 804414 | | | |
| Effect on fish | | | |
| Ion and water relationships | | | |
| Anguillidae | | | |
| <i>Anguilla anguilla</i> | | | |
| 803820 | | | |
| Hemodynamics | | | |
| Anguillidae | | | |
| <i>Anguilla anguilla</i> | | | |
| 805224 | | | |

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| Endocrine system (continued) | Nototheniidae | | Cyprinidae | |
| | <i>Leuciscus bispinis</i> | 805657 | <i>Leuciscus rutilus</i> | 803807 |
| | <i>Notothenia cyanobranchia</i> | 805657 | Descriptive evolution | |
| | Centropomidae | | Myxinomorpha | 803652 |
| | <i>Ambassis ranga</i> | 805417 | <i>Myxine glutinosa</i> | 806302 |
| | Cichlidae | | Petromyzontomorpha | 803652 |
| | <i>Etroplus maculatus</i> | 805417 | Elasmobranchii | 803652 |
| | Nandidae | | Dipnoi | 803652 |
| | <i>Nandus nandus</i> | 805417 | Teleostei | 803652 |
| | Amphipnoidae | | Function | |
| | <i>Amphipneous cuchia</i> | 805417 | Teleostei | 804445 |
| | Belontiidae | | Effect on fish | |
| | <i>Xenotodon cancila</i> | 805417 | Oxidative metabolism | |
| | Cobitidae | | Cichlidae | |
| | <i>Botia birdi</i> | 808611 | <i>Tilapia mossambica</i> | 806983 |
| | <i>Noemacheilus botia</i> | 805417 | Pigment cells | |
| | <i>Noemacheilus kashmiriensis</i> | 808611 | Elasmobranchii | 809083 |
| | Cyprinidae | 805417 | Teleostei | 809083 |
| | <i>Carassius auratus</i> | 808611 | Pancreatic islets | |
| | Bagridae | 808903 | Clariidae | |
| | Clariidae | 805417 | <i>Clarias batrachus</i> | 806702 |
| | <i>Clarias batrachus</i> | 805417 | Seminal vesicles | |
| | Heteropneustidae | | Heteropneustidae | |
| | <i>Heteropneustes fossilis</i> | 805417 | <i>Heteropneustes fossilis</i> | 805704 |
| | Plotosidae | | Oxidative metabolism | |
| | <i>Plotosus anguillaris</i> | 806967 | Experimental analysis | |
| | Schilbeidae | | Rajidae | |
| | <i>Eutropiichthys vacha</i> | 805417 | <i>Raja erinacea</i> | 804239 |
| | <i>Silonia silonia</i> | 805417 | | 805033 |
| | Siluridae | | Ion and water relationships | |
| | <i>Ompok bimaculatus</i> | 805417 | Function | |
| | <i>Ompok pabda</i> | 805417 | Anguillidae | |
| | Sisoridae | | <i>Anguilla anguilla</i> | 803872 |
| | <i>Nangra punctata</i> | 805417 | Experimental analysis | |
| | Notopteridae | | Cyprinodontidae | 804536 |
| | <i>Notopterus notopterus</i> | 805417 | Goodeidae | |
| | Cyrtology | | <i>Xenotoca eiseni</i> | 804536 |
| | Cobitidae | | Poeciliidae | 804536 |
| | <i>Botia birdi</i> | 806959 | <i>Gambusia affinis</i> | 808393 |
| | <i>Noemacheilus kashmiriensis</i> | 806959 | Cyprinidae | |
| | Cyprinidae | 806959 | <i>Carassius auratus</i> | 803808 |
| | Ultrastructure | | | 808390 |
| | Polypteromorpha | | Coloration | |
| | <i>Calamoichthys calabaricus</i> | 807192 | Experimental analysis | |
| | Function | | Anguillidae | |
| | Myxinomorpha | 809070 | <i>Anguilla anguilla</i> | 804128 |
| | Petromyzontomorpha | 809070 | Cyprinidae | |
| | Elasmobranchii | 809070 | <i>Carassius auratus</i> | 804491 |
| | Dipnoi | 809070 | Innervation | |
| | Acipenseromorpha | 809070 | Ultrastructure | |
| | Teleostei | 809070 | Gasterosteidae | |
| | Descriptive evolution | | <i>Gasterosteus aculeatus</i> | 804158 |
| | Myxinomorpha | | Experimental analysis | 805170 |
| | <i>Paramyxine atami</i> | 808902 | Gasterosteidae | |
| | <i>Paramyxine yangi</i> | 808902 | <i>Gasterosteus aculeatus</i> | 805170 |
| | Petromyzontomorpha | | Thyrotroph | |
| | <i>Lampetra japonica</i> | 808902 | Histology | |
| | Chimaeromorpha | 808902 | Petromyzontomorpha | |
| | Elasmobranchii | 808902 | <i>Lampetra fluviatilis</i> | 805155 |
| | Dipnoi | | Experimental analysis | |
| | <i>Protopterus annectens</i> | 808902 | Petromyzontomorpha | |
| | Cocleanthini | | <i>Lampetra fluviatilis</i> | 805155 |
| | <i>Latimeria chalumnae</i> | 808902 | Characidae | |
| | Polypteromorpha | | <i>Astyanax jordani</i> | 804815 |
| | <i>Calamoichthys calabaricus</i> | 807192 | Thyroid | |
| | Teleostei | 808902 | Experimental analysis | |
| | Histology | | Bagridae | |
| | Belontiidae | | <i>Myxus vittatus</i> | 804546 |
| | <i>Colisa fasciata</i> | 804609 | Thyroid hormone | |
| | Cyprinidae | 808934 | Experimental analysis | |
| | <i>Carassius auratus</i> | 804545 | Anguillidae | |
| | Ultrastructure | | <i>Anguilla anguilla</i> | 804763 |
| | Salmonidae | | Adrenal cortex | |
| | <i>Oncorhynchus nerka</i> | 805937 | Histology | |
| | Function | | Salmonidae | |
| | Myxinomorpha | | <i>Oncorhynchus nerka</i> | 807530 |
| | <i>Myxine glutinosa</i> | 805150 | Function | |
| | Poeciliidae | | Anguillidae | |
| | <i>Gambusia affinis</i> | 804240 | <i>Anguilla rostrata</i> | 803646 |
| | Experimental analysis | | Experimental analysis | |
| | Myxinomorpha | | Salmonidae | |
| | <i>Myxine glutinosa</i> | 805150 | <i>Oncorhynchus nerka</i> | 804549 |
| | Adrenocorticotrophic hormone | | | 807530 |
| | Salmonidae | | Seasonal changes | |
| | <i>Oncorhynchus nerka</i> | 807456 | Salmonidae | |
| | Prolactin | | <i>Oncorhynchus nerka</i> | 807530 |
| | Salmonidae | | Biochemical blood constituents | |
| | <i>Oncorhynchus nerka</i> | 807456 | Experimental analysis | |
| | Cyrtology | | Anguillidae | |
| | Function | | <i>Anguilla japonica</i> | 807302 |
| | Petromyzontomorpha | 806303 | Cortisol | |
| | | | Anguillidae | |
| | | | <i>Anguilla japonica</i> | 807302 |

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| Immunological analysis | | Embiotocidae | | Endocrine system |
| Rajae | | <i>Cymatogaster aggregata</i> | 806859 | (continued) |
| <i>Raja erinacea</i> | 806802 | Poeciliidae | | |
| Squalidae | | <i>Poecilia reticulata</i> | 804487 | |
| <i>Squalus acanthias</i> | 806802 | Salinity | | |
| Viviparity | | Mugiloidae | | |
| Experimental analysis | | <i>Mugil capito</i> | 806112 | |
| Elasmobranchii | 809078 | <i>Mugil cephalus</i> | 806112 | |
| Teleostei | 809078 | Seasonal changes | | |
| Poeciliidae | | Mugiloidae | | |
| <i>Gambusia affinis</i> | 808393 | <i>Mugil capito</i> | 806112 | |
| <i>Poecilia reticulata</i> | 805196 | <i>Mugil cephalus</i> | 806112 | |
| Ovary | | Oxytocin | | |
| Poeciliidae | | Ultrastructure | | |
| <i>Poecilia reticulata</i> | 805196 | Rajidae | | |
| Ovarian cycles | | <i>Raja rhina</i> | 803645 | |
| Experimental analysis | | Experimental analysis | | |
| Heteropneustidae | | Rajidae | | |
| <i>Heteropneustes fossilis</i> | 804350 | <i>Raja rhina</i> | 803645 | |
| Testis | | Reserpine | | |
| Experimental analysis | | Psychedelic drug treatment | | |
| Poeciliidae | | Experimental analysis | | |
| <i>Poecilia reticulata</i> | 804749 | Clariidae | | |
| | 804750 | <i>Clarias batrachus</i> | 804399 | |
| Spermatogenesis | | Thiourea | | |
| Experimental analysis | | Experimental analysis | | |
| Poeciliidae | | Histology | | |
| <i>Poecilia reticulata</i> | 808290 | Heteropneustidae | | |
| Embryo physiology | | <i>Heteropneustes fossilis</i> | 806769 | |
| Development | | Pars intermedia | | |
| Myxiniomorpha | | Anatomy | | |
| <i>Myxine glutinosa</i> | 805136 | Cytology | | |
| Descriptive evolution | | Teleostei | 809070 | |
| Myxiniomorpha | | Experimental analysis | | |
| <i>Myxine glutinosa</i> | 805136 | Teleostei | 809070 | |
| Life span | | Coloration | | |
| Experimental analysis | | Cytology | | |
| Petromyzontomorpha | | Salmonidae | | |
| <i>Lampetra fluviatilis</i> | 806305 | <i>Salmo gairdneri</i> | 805160 | |
| Change with age | | Function | | |
| Anatomy | | Salmonidae | | |
| Gobiidae | | <i>Salmo gairdneri</i> | 805160 | |
| <i>Glossogobius giuris</i> | 805417 | Short term adaptive color change | | |
| Cyprinidae | | Experimental analysis | | |
| <i>Tor tor</i> | 805417 | Rajidae | | |
| Histology | | <i>Raja radiata</i> | 805179 | |
| Gobiidae | | Innervation | | |
| <i>Leucopsarion petersi</i> | 805492 | Rajidae | | |
| Salinity | | <i>Raja radiata</i> | 805179 | |
| Experimental analysis | | Neuroendocrine feedback mechanisms | | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus keta</i> | 804119 | Anguillidae | | |
| <i>Salmo gairdneri</i> | 804119 | <i>Anguilla anguilla</i> | 804128 | |
| Seasonal changes | | Salinity | | |
| Histology | | Experimental analysis | | |
| Mugiloidae | | Anguillidae | | |
| <i>Mugil</i> | 805025 | <i>Anguilla anguilla</i> | 804404 | |
| Serranidae | | <i>Anguilla japonica</i> | 804404 | |
| <i>Serranus hepatus</i> | 807330 | Acclimation | | |
| <i>Serranus scriba</i> | 805130 | Anguillidae | | |
| Cyprinidae | | <i>Anguilla anguilla</i> | 804404 | |
| <i>Cyprinus carpio</i> | 808416 | <i>Anguilla japonica</i> | 804404 | |
| Ictaluridae | | MSH cell | | |
| <i>Ictalurus</i> | 805928 | Experimental analysis | | |
| Sisoridae | | Anguillidae | | |
| <i>Glyptothorax pectinopterus</i> | 804386 | <i>Anguilla anguilla</i> | 804404 | |
| Function | | <i>Anguilla japonica</i> | 804404 | |
| Serranidae | | Melanocyte stimulating hormone | | |
| <i>Serranus scriba</i> | 805130 | Ultrastructure | | |
| Migrations | | Squalidae | | |
| Histology | | <i>Squalus acanthias</i> | 805162 | |
| Acipenseromorpha | | Biochemistry | | |
| <i>Acipenser</i> | 805157 | Chimaeromorpha | | |
| Function | | <i>Hydrolagus collicii</i> | 805177 | |
| Acipenseromorpha | | Scyliorhinidae | | |
| <i>Acipenser gueldenstaedti</i> | 806292 | <i>Scyliorhinus caniculus</i> | 805177 | |
| Salmonidae | | Gadidae | | |
| <i>Oncorhynchus</i> | 806292 | <i>Gadus morhua</i> | 805177 | |
| <i>Salmo salar</i> | 806292 | Function | | |
| Descriptive evolution | | Elasmobranchii | 808639 | |
| Acipenseromorpha | | Teleostei | 808639 | |
| <i>Acipenser</i> | 805157 | | 808640 | |
| Reproduction | | Effect on fish | | |
| Function | | Pigment cells | | |
| Acipenseromorpha | | Elasmobranchii | 809083 | |
| <i>Acipenser gueldenstaedti</i> | 806292 | Teleostei | 809083 | |
| Teleostei | 806111 | Protein specificity | | |
| | 807290 | Experimental analysis | | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus</i> | 806292 | <i>Salmo salar</i> | 806065 | |
| <i>Salmo salar</i> | 806292 | Change with age | | |
| Experimental analysis | | Salmonidae | | |
| Petromyzontomorpha | | <i>Salmo salar</i> | 806065 | |
| <i>Lampetra fluviatilis</i> | 806305 | | | |

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|---------------------------------|-------------------------------------|------------------------|------------------------------------|--|
| Endocrine system (continued) | Pars distalis | | Protein specificity | |
| | Histology | | Experimental analysis | |
| | Cobitidae | | Cyprinidae | |
| | <i>Noemacheilus kashmiriensis</i> | | <i>Cyprinus carpio</i> | |
| | 806697 | | 806065 | |
| | Experimental analysis | | Salmonidae | |
| | Ultrastructure | | <i>Salmo salar</i> | |
| | 806065 | | Change with age | |
| | Embriotocidae | | Salmonidae | |
| | <i>Cymatogaster aggregata</i> | | <i>Salmo salar</i> | |
| | 804130 | | 806065 | |
| | Innervation | | Liver | |
| | Development | | Effect on fish | |
| | Cyprinidae | | Cichlidae | |
| | <i>Rutilus rutilus</i> | | <i>Tilapia mossambica</i> | |
| | 805167 | | 803723 | |
| | Viviparity | | Starvation | |
| | Experimental analysis | | Effect on fish | |
| | Poeciliidae | | Cichlidae | |
| | <i>Gambusia affinis</i> | | <i>Tilapia mossambica</i> | |
| | 804240 | | 803723 | |
| | Ion and water relationships | | Thyrotroph | |
| | Poeciliidae | | Histology | |
| | <i>Gambusia affinis</i> | | Experimental analysis | |
| | 804240 | | Acipenseromorpha | |
| | Fungi | | <i>Acipenser</i> | |
| | Abnormality | | Characidae | |
| | Petromyzontomorpha | | <i>Asytanax jordani</i> | |
| | <i>Lampetra planeri</i> | | 804815 | |
| | 808331 | | Cytology | |
| | Seasonal changes | | Belontiidae | |
| | Histology | | <i>Colisa fasciata</i> | |
| | Cyprinidae | | 804609 | |
| | Experimental analysis | | Ultrastructure | |
| | Embriotocidae | | Cyprinidae | |
| | <i>Cymatogaster aggregata</i> | | <i>Carassius auratus</i> | |
| | 803813 | | 808903 | |
| | Reproduction | | Experimental analysis | |
| | Experimental analysis | | Teleostei | |
| | Petromyzontomorpha | | Cyprinidae | |
| | <i>Lampetra fluviatilis</i> | | <i>Carassius auratus</i> | |
| | 803815 | | 808903 | |
| | Corticotroph | | Ultrastructure | |
| | Histology | | Salmonidae | |
| | Experimental analysis | | <i>Oncorhynchus nerka</i> | |
| | Myxinomorpha | | 805937 | |
| | <i>Myxine glutinosa</i> | | Experimental analysis | |
| | 805150 | | Ultrastructure | |
| | Cytology | | Embriotocidae | |
| | Experimental analysis | | <i>Cymatogaster aggregata</i> | |
| | Teleostei | | 804130 | |
| | 809070 | | Neuroendocrine feedback mechanisms | |
| | Oxygen | | Salmonidae | |
| | Cyprinidae | | <i>Salmo gairdneri</i> | |
| | <i>Barbus barbus</i> | | 804541 | |
| | <i>Barbus meridionalis</i> | | Thyroid hormone | |
| | <i>Chondrostoma nasus</i> | | Salmonidae | |
| | <i>Leuciscus cephalus</i> | | <i>Salmo gairdneri</i> | |
| | 805343 | | 804541 | |
| | Ultrastructure | | Temperature | |
| | Salmonidae | | Salmonidae | |
| | <i>Oncorhynchus nerka</i> | | <i>Salmo gairdneri</i> | |
| | 805937 | | 804541 | |
| | Identification | | Thyroid hormone | |
| | Immunological analysis | | Experimental analysis | |
| | Salmonidae | | Anguillidae | |
| | <i>Oncorhynchus nerka</i> | | <i>Anguilla anguilla</i> | |
| | 807456 | | 803812 | |
| | Seasonal changes | | Salmonidae | |
| | Salmonidae | | <i>Salmo gairdneri</i> | |
| | <i>Oncorhynchus nerka</i> | | 803812 | |
| | 807456 | | 804541 | |
| | Coloration | | Seasonal changes | |
| | Experimental analysis | | Serranidae | |
| | Anguillidae | | <i>Serranus scriba</i> | |
| | <i>Anguilla anguilla</i> | | 805130 | |
| | 804128 | | Cytology | |
| | Adrenal cortex | | Belontiidae | |
| | Experimental analysis | | <i>Colisa fasciata</i> | |
| | Anguillidae | | 808934 | |
| | <i>Anguilla anguilla</i> | | Thyroid stimulating hormone | |
| | 807061 | | Biochemistry | |
| | Adrenocorticotrophic hormone | | Function | |
| | Experimental analysis | | Dipnoi | |
| | Cyprinidae | | <i>Protopterus annectens</i> | |
| | <i>Carassius auratus</i> | | 804007 | |
| | 804210 | | Anguillidae | |
| | Effect on fish | | <i>Anguilla anguilla</i> | |
| | Glucose content | | 804007 | |
| | Rajidae | | Salmonidae | |
| | <i>Raja erinacea</i> | | <i>Salmo gairdneri</i> | |
| | 804239 | | 804007 | |
| | Oxidative metabolism | | Descriptive evolution | |
| | Cichlidae | | Dipnoi | |
| | <i>Tilapia mossambica</i> | | <i>Protopterus annectens</i> | |
| | 806983 | | 804007 | |
| | Carbohydrate metabolism | | Anguillidae | |
| | Teleostei | | <i>Anguilla anguilla</i> | |
| | 809075 | | 804007 | |
| | Ion and water relationships | | Salmonidae | |
| Teleostei | | <i>Salmo gairdneri</i> | | |
| 809075 | | 804007 | | |
| Poeciliidae | | Experimental analysis | | |
| <i>Gambusia affinis</i> | | Bagridae | | |
| 808392 | | <i>Mystus vittatus</i> | | |
| Pigment cells | | 803761 | | |
| Teleostei | | Descriptive evolution | | |
| Adrenal cortex | | Biochemistry | | |
| Elasmobranchii | | Dipnoi | | |
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| Leucocytes | | Function | | |
| Teleostei | | Dipnoi | | |
| 809075 | | 804445 | | |
| Embryogenesis | | Teleostei | | |
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| Poeciliidae | | Protein specificity | | |
| <i>Gambusia affinis</i> | | Function | | |
| 808392 | | Teleostei | | |
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| Gonadotroph | | Oogenesis | | Endocrine system |
| Histology | | Teleostei | 807290 | (continued) |
| Experimental analysis | | Poeciliidae | | |
| Acipenseromorpha | | <i>Poecilia reticulata</i> | 805196 | |
| <i>Acipenser</i> | 805157 | Cyprinidae | | |
| Cytology | | <i>Carassius auratus</i> | 807290 | |
| Ultrastructure | | Ovulation | | |
| Cyprinidae | | Teleostei | 807290 | |
| <i>Carassius auratus</i> | 807290 | Cyprinidae | | |
| | 808903 | <i>Carassius auratus</i> | 807290 | |
| Function | | Superfetation | | |
| Carcharinidae | | Poeciliidae | | |
| <i>Mustelus canis</i> | 804555 | <i>Poecilia reticulata</i> | 805196 | |
| Experimental analysis | | Testis | | |
| Teleostei | 809070 | Mugiloidi | | |
| Cyprinidae | | <i>Mugil capito</i> | 804629 | |
| <i>Carassius auratus</i> | 807290 | Poeciliidae | | |
| | 808903 | <i>Poecilia reticulata</i> | 806561 | |
| Ultrastructure | | Anguillidae | | |
| Salmonidae | | <i>Anguilla anguilla</i> | 805362 | |
| <i>Oncorhynchus nerka</i> | 805937 | Spermatogenesis | | |
| <i>Methallibure</i> | | Teleostei | 807290 | |
| Experimental analysis | | Cyprinidae | | |
| Embiotocidae | | <i>Carassius auratus</i> | 807290 | |
| <i>Cymatogaster aggregata</i> | 804130 | Chorion | | |
| Function | | Acipenseromorpha | | |
| Teleostei | 807290 | <i>Acipenser stellatus</i> | 804004 | |
| Experimental analysis | | Aggressive behavior | | |
| Heteropneustidae | | Teleostei | 809079 | |
| <i>Heteropneustes fossilis</i> | 805704 | Courtship | | |
| Ovary | | Teleostei | 809079 | |
| Experimental analysis | | Mating | | |
| Salmonidae | | Poeciliidae | | |
| <i>Oncorhynchus nerka</i> | 807414 | <i>Poecilia reticulata</i> | 804487 | |
| Testis | | Nest construction | | |
| Experimental analysis | | Teleostei | 809079 | |
| Salmonidae | | Milt | | |
| <i>Oncorhynchus nerka</i> | 807414 | Cyprinidae | | |
| Seasonal changes | | <i>Carassius auratus</i> | 804543 | |
| Serranidae | | Protein specificity | | |
| <i>Serranus scriba</i> | 805130 | Cyprinidae | | |
| Cytology | | <i>Cyprinus carpio</i> | 805685 | |
| Belontiidae | | Reptilia | | |
| <i>Colisa fasciata</i> | 804609 | Salmonidae | | |
| | 808934 | <i>Oncorhynchus tshawytscha</i> | 806560 | |
| Sisoridae | | Seasonal changes | | |
| <i>Glyptothorax pectinopterus</i> | 804386 | Cyprinidae | | |
| Luteotropic hormone | | <i>Cyprinus carpio</i> | 805683 | |
| Effect on fish | | Milt | | |
| Adrenal cortex | | Developmental analysis | | |
| Heteropneustidae | | Cyprinidae | | |
| <i>Heteropneustes fossilis</i> | 806300 | <i>Carassius auratus</i> | 804543 | |
| Ovulation | | Growth hormone cell | | |
| Heteropneustidae | | Cytology | | |
| <i>Heteropneustes fossilis</i> | 806300 | Experimental analysis | | |
| Seminal vesicles | | Teleostei | 809070 | |
| Heteropneustidae | | Ultrastructure | | |
| <i>Heteropneustes fossilis</i> | 805705 | Salmonidae | | |
| Gonadotropin | | <i>Oncorhynchus nerka</i> | 805937 | |
| Teleostei | 806111 | Experimental analysis | | |
| Biochemistry | | Ultrastructure | | |
| Cyprinidae | | Embiotocidae | | |
| <i>Cyprinus carpio</i> | 806291 | <i>Cymatogaster aggregata</i> | 804130 | |
| Function | | Adrenal cortex | | |
| Petromyzontomorpha | 809078 | Experimental analysis | | |
| Elasmobranchii | 809078 | Anguillidae | | |
| Teleostei | 809078 | <i>Anguilla anguilla</i> | 807061 | |
| Descriptive evolution | | Ovary | | |
| Biochemistry | | Experimental analysis | | |
| Teleostei | 804445 | Salmonidae | | |
| Function | | <i>Oncorhynchus nerka</i> | 807414 | |
| Teleostei | 804445 | Testis | | |
| Effect on fish | | Experimental analysis | | |
| Poison content | | Salmonidae | | |
| Tetraodontidae | | <i>Oncorhynchus nerka</i> | 807414 | |
| <i>Sphoeroides pardalis</i> | 804625 | Captive vs natural fishes | | |
| Thyroid | | Anguillidae | | |
| Anguillidae | | <i>Anguilla japonica</i> | 808948 | |
| <i>Anguilla anguilla</i> | 806301 | Growth hormone | | |
| Salmonidae | | Effect on fish | | |
| <i>Salmo</i> | 806301 | Biochemistry | | |
| Liver | | Elasmobranchii | 809072 | |
| Tetraodontidae | | Dipnoi | 809072 | |
| <i>Sphoeroides pardalis</i> | 804625 | Teleostei | 809072 | |
| Ovary | | Intermediary metabolism | | |
| Mugiloidi | | Elasmobranchii | 809072 | |
| <i>Mugil capito</i> | 804629 | Teleostei | 809072 | |
| Carangidae | | Ion and water relationships | | |
| <i>Seriola quinqueradiata</i> | 806587 | Teleostei | 809072 | |
| Poeciliidae | | Seminal vesicles | | |
| <i>Poecilia reticulata</i> | 804487 | Heteropneustidae | | |
| Anguillidae | | <i>Heteropneustes fossilis</i> | 805705 | |
| <i>Anguilla anguilla</i> | 805362 | | 806288 | |

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|---------------------------------|-------------------------------|--------|--------------------------------|--------|
| Endocrine system (continued) | Growth | | Enzymology | |
| | Elasmobranchii | 809072 | Poeciliidae | |
| | Teleostei | 809072 | <i>Poecilia latipinna</i> | 805341 |
| | Protein specificity | | Prolactin | |
| | Serranidae | | Descriptive evolution | |
| | <i>Morone saxatilis</i> | 803899 | Function | |
| | Cyprinidae | | Teleostei | 804445 |
| | <i>Cyprinus carpio</i> | 803899 | Effect on fish | |
| | Experimental analysis | | Anguillidae | |
| | Acipenseromorpha | 805151 | <i>Anguilla anguilla</i> | 803872 |
| | Scombridae | | Biochemistry | |
| | <i>Scomber scombrus</i> | 805151 | Elasmobranchii | 809072 |
| | Salmonidae | | Teleostei | 809072 |
| | <i>Oncorhynchus kisutch</i> | 805151 | Lipid and fatty acid content | |
| | Descriptive evolution | | Cyprinodontidae | 809072 |
| | Acipenseromorpha | 805151 | <i>Fundulus chrysotus</i> | 806287 |
| | Scombridae | | Ion and water relationships | |
| | <i>Scomber scombrus</i> | 805151 | Rajidae | |
| | Salmonidae | | <i>Raja erinacea</i> | 806802 |
| | <i>Oncorhynchus kisutch</i> | 805151 | Teleostei | 809072 |
| | Pituitary ventral lobe | | Gasterosteidae | |
| | Ovarian cycles | | <i>Gasterosteus aculeatus</i> | 803806 |
| | Histology | | | 804754 |
| | Carcharhinidae | | | 804759 |
| | <i>Mustelus canis</i> | 804555 | | 805139 |
| | Pars anterior | | Poeciliidae | |
| | Histology | | <i>Gambusia affinis</i> | 808392 |
| | Salmonidae | | | 808394 |
| | <i>Salmo trutta</i> | 806698 | Cyprinidae | |
| | Prolactin cell | | <i>Carassius auratus</i> | 803808 |
| | Anguillidae | | Pigment cells | |
| | <i>Anguilla japonica</i> | 808902 | Teleostei | 809072 |
| | Histology | | | 809083 |
| | Cyprinidae | | Mucus glands | |
| | <i>Carassius auratus</i> | 804545 | Gasterosteidae | |
| | Cytology | | <i>Gasterosteus aculeatus</i> | 804751 |
| | Teleostei | 809070 | Characidae | |
| | Experimental analysis | | <i>Astyanax jordani</i> | 804405 |
| | Teleostei | 809070 | Mucus | |
| | Development | | Teleostei | 809072 |
| | Poeciliidae | | | 809079 |
| | <i>Poecilia latipinna</i> | 809070 | Gonadotropin | |
| | Ultrastructure | | Mugiloidci | |
| | Salmonidae | | <i>Mugil capito</i> | 806112 |
| | <i>Oncorhynchus nerka</i> | 805937 | <i>Mugil cephalus</i> | 806112 |
| | Function | | Thyroid | |
| | Mugiloidci | | Cichlidae | |
| | <i>Mugil cephalus</i> | 805154 | <i>Pterophyllum</i> | 807953 |
| | Identification | | Anguillidae | |
| | Immunological analysis | | <i>Anguilla</i> | 809072 |
| | Salmonidae | | Gills | |
| | <i>Oncorhynchus nerka</i> | 807456 | Gasterosteidae | |
| | Coloration | | <i>Gasterosteus aculeatus</i> | 804751 |
| | Experimental analysis | | | 804754 |
| | Anguillidae | | Seminal vesicles | |
| | <i>Anguilla anguilla</i> | 804128 | Heteropneustidae | |
| | Mucus glands | | <i>Heteropneustes fossilis</i> | 805705 |
| | Experimental analysis | | | 806288 |
| | Characidae | | Embryogenesis | |
| | <i>Astyanax jordani</i> | 805178 | Poeciliidae | |
| | Ion and water relationships | | <i>Gambusia affinis</i> | 808392 |
| | Characidae | | | 808394 |
| | <i>Astyanax jordani</i> | 805178 | Circadian rhythms | |
| | Innervation | | Cyprinodontidae | |
| | Experimental analysis | | <i>Fundulus chrysotus</i> | 806287 |
| | Anguillidae | | Seasonal changes | |
| | <i>Anguilla anguilla</i> | 805180 | Cyprinodontidae | |
| | Salinity | | <i>Fundulus chrysotus</i> | 806287 |
| | Cytology | | Aggressive behavior | |
| | Poeciliidae | | Teleostei | 809079 |
| | <i>Poecilia latipinna</i> | 806284 | Reproduction | |
| | Experimental analysis | | Elasmobranchii | 809072 |
| | Gobiidae | | Teleostei | 809072 |
| | <i>Gobius paganellus</i> | 806298 | Nest construction | |
| | Poeciliidae | | Teleostei | 809079 |
| | <i>Poecilia latipinna</i> | 806284 | Parental care of eggs | |
| | Anguillidae | | Teleostei | 809079 |
| | <i>Anguilla anguilla</i> | 806285 | Ion and water relationships | |
| | | 806298 | Biochemistry | |
| | Characidae | | Teleostei | 806284 |
| | <i>Astyanax jordani</i> | 804405 | Poeciliidae | |
| | Salmonidae | | <i>Poecilia latipinna</i> | 806284 |
| | <i>Salmo gairdneri</i> | 806285 | Function | |
| | <i>Salmo salar</i> | 806285 | Teleostei | 806284 |
| | Migrations | | | 806285 |
| | Ultrastructure | | Poeciliidae | |
| | Salmonidae | | <i>Poecilia latipinna</i> | 806284 |
| | <i>Oncorhynchus nerka</i> | 804756 | Anguillidae | |
| | Acid phosphatase | | <i>Anguilla anguilla</i> | 806285 |
| | Ultrastructure | | Salmonidae | |
| | Experimental analysis | | <i>Oncorhynchus</i> | 806285 |
| | Poeciliidae | | <i>Oncorhynchus nerka</i> | 804756 |
| | <i>Poecilia latipinna</i> | 805341 | <i>Salmo salar</i> | 806285 |

| | | Thyroid | Endocrine system (continued) |
|----------------------------------|--------|------------------------------------|---------------------------------|
| Effect on fish | | Anatomy | |
| Gasterosteidae | | Histology | |
| <i>Gasterosteus aculeatus</i> | 803592 | Amphipnoidae | |
| Glomerulus | | <i>Amphipnoides cuchia</i> | 804587 |
| Effect on fish | | Function | |
| Gasterosteidae | | Myxiniomorpha | 809073 |
| <i>Gasterosteus aculeatus</i> | 803592 | Petromyzontomorpha | 809073 |
| Reproduction | | Elasmobranchii | 809073 |
| Function | | Teleostei | 809073 |
| Myxiniomorpha | 806286 | Development | |
| Petromyzontomorpha | 806286 | Petromyzontomorpha | 809073 |
| Elasmobranchii | 806286 | Teleostei | 809073 |
| Teleostei | 806285 | Histology | |
| | 806286 | Ultrastructure | |
| Anguillidae | | Chimaeromorpha | |
| <i>Anguilla anguilla</i> | 806285 | <i>Hydrolagus collicii</i> | 805032 |
| Salmonidae | | Function | |
| <i>Oncorhynchus</i> | 806285 | Petromyzontomorpha | 806303 |
| <i>Salmo salar</i> | 806285 | Experimental analysis | |
| Pituitary blood supply | | Chimaeromorpha | |
| Gobiidae | | <i>Hydrolagus collicii</i> | 805032 |
| <i>Glossogobius giuris</i> | 805417 | Ultrastructure | |
| Nototheniidae | | Dasyatidae | |
| <i>Harpagifer bispinis</i> | 805657 | <i>Dasyatis akajei</i> | 804081 |
| <i>Notothenia cyanobranchia</i> | 805657 | Carcharhinidae | |
| Cyprinidae | | <i>Mustelus manazo</i> | 804081 |
| <i>Tor tor</i> | 805417 | Abnormality | |
| Bagridae | 805417 | Poeciliidae | |
| Clariidae | | <i>Xiphophorus maculatus</i> | 806848 |
| <i>Clarias batrachus</i> | 805417 | Experimental analysis | |
| Heteropneustidae | | Cortical hormones | |
| <i>Heteropneustes fossilis</i> | 805417 | Bagridae | |
| Schilbeidae | | <i>Mystus vittatus</i> | 804546 |
| <i>Eutropichthys vacha</i> | 805417 | Estrogens | |
| Sisoridae | | Bagridae | |
| <i>Nannga punctata</i> | 805417 | <i>Mystus vittatus</i> | 804546 |
| Anatomy | | Progenesis | |
| Myxiniomorpha | 809070 | Bagridae | |
| Petromyzontomorpha | 809070 | <i>Mystus vittatus</i> | 804546 |
| Chimaeromorpha | 809070 | Androgens | |
| Dipnoi | 809070 | Bagridae | |
| Centropomidae | | <i>Mystus vittatus</i> | 804546 |
| <i>Ambassis ranga</i> | 806705 | Development | |
| Cyprinidae | | Polypteromorpha | |
| <i>Rasbora daniconius</i> | 806700 | <i>Polypterus senegalus</i> | 805353 |
| Ultrastructure | | Descriptive evolution | |
| Acipenseromorpha | 805151 | Myxiniomorpha | 803652 |
| Function | | <i>Myxine glutinosa</i> | 806302 |
| Myxiniomorpha | 806304 | Petromyzontomorpha | 803652 |
| Petromyzontomorpha | 806304 | Elasmobranchii | 803652 |
| Chimaeromorpha | 806304 | Dipnoi | 803652 |
| Elasmobranchii | 809070 | Teleostei | 803652 |
| Dipnoi | 806304 | Metabolic rate | |
| Acipenseromorpha | 806304 | Experimental analysis | |
| Polypteromorpha | 809070 | Cichlidae | |
| Amiomorpha | | <i>Aequidens latifrons</i> | 804936 |
| <i>Amia calva</i> | 809070 | Oxygen consumption | |
| Teleostei | 806304 | Experimental analysis | |
| | 809070 | Cyprinidae | |
| Descriptive evolution | | <i>Carassius auratus</i> | 804147 |
| Myxiniomorpha | 806304 | Intermediary metabolism | |
| Petromyzontomorpha | 806304 | Experimental analysis | |
| Chimaeromorpha | 806304 | Mugiloidae | |
| Elasmobranchii | 806304 | <i>Liza auratus</i> | 805191 |
| Dipnoi | 806304 | Steroid metabolism | |
| Acipenseromorpha | 806304 | Experimental analysis | |
| Polypteromorpha | | Bagridae | |
| <i>Calamoichthys calabaricus</i> | 807192 | <i>Mystus vittatus</i> | 808333 |
| Teleostei | 806304 | Neuroendocrine feedback mechanisms | |
| Histology | | Experimental analysis | |
| Function | | Heteropneustidae | |
| Myxiniomorpha | | <i>Heteropneustes fossilis</i> | 806769 |
| <i>Myxine glutinosa</i> | 805150 | Thyroid stimulating hormone | |
| Descriptive evolution | | Experimental analysis | |
| Dasyatidae | | Teleostei | 806301 |
| <i>Trygon pastinaca</i> | 804764 | Prolactin | |
| Rajidae | | Experimental analysis | |
| <i>Raja clavata</i> | 804764 | Anguillidae | |
| Carcharhinidae | | <i>Anguilla</i> | 809072 |
| <i>Mustelus mustelus</i> | 804764 | Embryo physiology | |
| Scyliorhinidae | | Histology | |
| <i>Scyliorhinus stellaris</i> | 804764 | Myxiniomorpha | |
| Acipenseromorpha | | <i>Myxine glutinosa</i> | 805136 |
| <i>Acipenser gueldenstaedti</i> | 804764 | Metamorphosis | |
| <i>Acipenser stellatus</i> | 804764 | Teleostei | 809081 |
| Ultrastructure | | Function | |
| Acipenseromorpha | | Teleostei | 805885 |
| <i>Acipenser gueldenstaedti</i> | 805235 | Rate of growth | |
| <i>Acipenser stellatus</i> | 805235 | Experimental analysis | |
| Development | | Mugiloidae | |
| Myxiniomorpha | | <i>Liza auratus</i> | 805191 |
| <i>Myxine glutinosa</i> | 805136 | | |

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|------------------------------------|---------------------------------|--------|---------------------------------|--------|
| Endocrine system (continued) | Salinity | | Thyrotroph | |
| | Histology | | Anguillidae | |
| | Cichlidae | | <i>Anguilla anguilla</i> | 803812 |
| | <i>Tilapia nilotica</i> | 806358 | | 804541 |
| | Experimental analysis | | Salmonidae | |
| | Acipenseromorpha | | <i>Salmo gairdneri</i> | 803812 |
| | <i>Acipenser gueldenstaedti</i> | 804603 | | 804541 |
| | | 806402 | Thyroid | |
| Young | | | Chimaeromorpha | |
| Acipenseromorpha | | | <i>Hydrolagus collieri</i> | 805032 |
| <i>Acipenser gueldenstaedti</i> | 806402 | | Anguillidae | |
| Seasonal changes | | | <i>Anguilla anguilla</i> | 804763 |
| Cichlidae | | | Adrenal cortex | |
| <i>Tilapia nilotica</i> | 806358 | | Anguillidae | |
| Seasonal changes | | | <i>Anguilla anguilla</i> | 804763 |
| Cyprinidae | | | Liver | |
| <i>Acanthobrama terraesanctae</i> | 804547 | | Acipenseromorpha | |
| Anatomy | | | <i>Acipenser gueldenstaedti</i> | 807703 |
| Agonidae | | | Egg | |
| <i>Agonus cataphractus</i> | 807955 | | Acipenseromorpha | |
| Histology | | | <i>Acipenser gueldenstaedti</i> | 807703 |
| Agonidae | | | Metamorphosis | |
| <i>Agonus cataphractus</i> | 807955 | | Petromyzontomorpha | 809073 |
| Function | | | <i>Petromyzon marinus</i> | 805642 |
| Agonidae | | | Growth | |
| <i>Agonus cataphractus</i> | 807955 | | Teleostei | 809073 |
| Aestivation | | | Rate of growth | |
| Function | | | Cichlidae | |
| Dipnoi | | | <i>Tilapia mossambica</i> | 806704 |
| <i>Protopterus annectens</i> | 806294 | | Salmonidae | |
| Migrations | | | <i>Salmo gairdneri</i> | 807784 |
| Histology | | | Activity patterns | |
| Salmonidae | | | Teleostei | 809079 |
| <i>Oncorhynchus keta</i> | 804119 | | Poeciliidae | |
| Function | | | <i>Poecilia reticulata</i> | 809073 |
| Acipenseromorpha | | | Migrations | |
| <i>Acipenser gueldenstaedti</i> | 806292 | | Teleostei | 809073 |
| Salmonidae | | | | 809079 |
| <i>Salmo salar</i> | 806292 | | Intermediary metabolism | |
| Reproduction | | | Experimental analysis | |
| Function | | | Pleuronectidae | |
| Acipenseromorpha | | | <i>Pleuronectes platessa</i> | 805181 |
| <i>Acipenser gueldenstaedti</i> | 806292 | | Biochemical blood constituents | |
| Salmonidae | | | Biochemistry | |
| <i>Salmo salar</i> | 806292 | | Tetraodontidae | |
| Reserpine | | | <i>Fugu niphobes</i> | 804535 |
| Neuroendocrine feedback mechanisms | | | Anguillidae | |
| Experimental analysis | | | <i>Anguilla japonica</i> | 804535 |
| Cichlidae | | | Cyprinidae | |
| <i>Pterophyllum</i> | 807953 | | <i>Carassius auratus</i> | 804535 |
| Thyroid hormone | | | Bile | |
| Biochemistry | | | Experimental analysis | |
| Development | | | Salmonidae | |
| Pleuronectidae | | | <i>Salvelinus fontinalis</i> | 805165 |
| <i>Pleuronectes platessa</i> | 804323 | | Intermediary metabolism | |
| Experimental analysis | | | Salmonidae | |
| Bagridae | | | <i>Salvelinus fontinalis</i> | 805165 |
| <i>Myxus vittatus</i> | 803761 | | Larva | |
| Effect on fish | | | Biochemistry | |
| Oxygen consumption | | | Petromyzontomorpha | |
| Petromyzontomorpha | 809073 | | <i>Lampetra planeri</i> | 806307 |
| Elasmobranchii | 809073 | | Developmental analysis | |
| Acipenseromorpha | | | Petromyzontomorpha | |
| <i>Acipenser gueldenstaedti</i> | 807703 | | <i>Lampetra planeri</i> | 806307 |
| Teleostei | 809073 | | Descriptive evolution | |
| Cichlidae | | | Petromyzontomorpha | |
| <i>Aequidens latifrons</i> | 804936 | | <i>Lampetra planeri</i> | 806307 |
| <i>Tilapia mossambica</i> | 806704 | | Regeneration | |
| Salmonidae | | | Experimental analysis | |
| <i>Salvelinus fontinalis</i> | 806970 | | Poeciliidae | |
| Body content | | | <i>Poecilia reticulata</i> | 806867 |
| Cichlidae | 806997 | | Anal fin | |
| Intermediary metabolism | | | Poeciliidae | |
| Teleostei | 809073 | | <i>Poecilia reticulata</i> | 806867 |
| Oxidative metabolism | | | Migrations | |
| Squalidae | | | Function | |
| <i>Squalus acanthias</i> | 806949 | | Salmonidae | |
| Ion and water relationships | | | <i>Salmo salar</i> | 803591 |
| Teleostei | 809073 | | Calcium | |
| Coloration | | | Effect on fish | |
| Teleostei | 809073 | | Biochemical blood constituents | |
| Nervous electrophysiology | | | Scyliorhinidae | |
| Teleostei | 809073 | | <i>Scyliorhinus caniculus</i> | 805034 |
| Visual pigments | | | Heterotopic thyroid | |
| Salmonidae | | | Cyprinodontidae | |
| <i>Oncorhynchus nerka</i> | 804272 | | <i>Cynolebias bellotti</i> | 808499 |
| Adenohypophysis | | | Experimental analysis | |
| Myxiniomorpha | | | Pleuronectidae | |
| <i>Myxine glutinosa</i> | 805150 | | <i>Pleuronectes platessa</i> | 804323 |
| Anguillidae | | | Eye | |
| <i>Anguilla anguilla</i> | 804763 | | Abnormality | |
| Characidae | | | Labridae | |
| <i>Astyanax jordani</i> | 804815 | | <i>Coris gaimardi</i> | 803843 |

| | | | Salinity | Endocrine system (continued) |
|--------------------------------|--------|--|--------------------------------|------------------------------|
| Kidney | | | Histology | |
| Function | | | Mugiloidae | |
| Amphipnoidae | | | <i>Mugil cephalus</i> | 809044 |
| <i>Amphipnous cuchia</i> | 806961 | | Experimental analysis | |
| Endostyle | | | Gobiidae | |
| Anatomy | | | <i>Gobius paganellus</i> | 806298 |
| Function | | | Anguillidae | |
| Petromyzontomorpha | 806303 | | <i>Anguilla anguilla</i> | 806298 |
| Ultrastructure | | | | 806299 |
| Function | | | Seasonal changes | |
| Petromyzontomorpha | | | Histology | |
| <i>Lampetra planeri</i> | 805954 | | Mugiloidae | |
| Biochemistry | | | <i>Mugil cephalus</i> | 809044 |
| Ultrastructure | | | Function | |
| Petromyzontomorpha | | | Anguillidae | |
| <i>Lampetra japonica</i> | 804370 | | <i>Anguilla anguilla</i> | 805176 |
| Adrenal cortex | | | Experimental analysis | |
| Anatomy | | | Salmonidae | |
| Function | | | <i>Oncorhynchus nerka</i> | 807530 |
| Myxinomorpha | 809075 | | Captive vs natural fishes | |
| Petromyzontomorpha | 809075 | | Salmonidae | |
| Chimacromorpha | 809075 | | <i>Oncorhynchus nerka</i> | 807530 |
| Elasmobranchii | 809075 | | Migrations | |
| Dipnoi | 809075 | | Histology | |
| Amiomorpha | | | Salmonidae | |
| <i>Amia calva</i> | 809075 | | <i>Oncorhynchus keta</i> | 804119 |
| Teleostei | 809075 | | Reproduction | |
| Histology | | | Function | |
| Function | | | Teleostei | 806111 |
| Petromyzontomorpha | 806303 | | Cortical hormones | |
| Ultrastructure | | | Biochemistry | |
| Biochemistry | | | Developmental analysis | |
| Poeciliidae | | | Myxinomorpha | 806295 |
| <i>Poecilia reticulata</i> | 809035 | | Petromyzontomorpha | 806295 |
| Experimental analysis | | | Elasmobranchii | 806295 |
| Poeciliidae | | | Dipnoi | 806295 |
| <i>Poecilia reticulata</i> | 809035 | | Teleostei | 806295 |
| Biochemistry | | | Descriptive evolution | |
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| Rajidae | | | Petromyzontomorpha | 806295 |
| <i>Raja radiata</i> | 806297 | | Elasmobranchii | 806295 |
| Oxidative metabolism | | | Rajidae | |
| Experimental analysis | | | <i>Raja radiata</i> | 806077 |
| Rajidae | | | Dipnoi | 806295 |
| <i>Raja erinacea</i> | 805033 | | Teleostei | 806295 |
| Anguillidae | | | Descriptive evolution | |
| <i>Anguilla rostrata</i> | 804544 | | Myxinomorpha | 803652 |
| Ion and water relationships | | | Petromyzontomorpha | 803652 |
| Function | | | Elasmobranchii | 803652 |
| Teleostei | 806296 | | Dipnoi | 803652 |
| Experimental analysis | | | Teleostei | 803652 |
| Anguillidae | | | Effect on fish | |
| <i>Anguilla rostrata</i> | 804544 | | Biochemistry | |
| Adenohypophysis | | | Myxinomorpha | 809075 |
| Experimental analysis | | | Petromyzontomorpha | 809075 |
| Myxinomorpha | | | Elasmobranchii | 809075 |
| <i>Myxine glutinosa</i> | 805150 | | Teleostei | 809075 |
| Anguillidae | | | Nucleic acids | |
| <i>Anguilla anguilla</i> | 807061 | | Cobitidae | |
| Luteotropic hormone | | | <i>Misgurnus fossilis</i> | 804782 |
| Experimental analysis | | | Carbohydrate metabolism | |
| Heteropneustidae | | | Teleostei | 809075 |
| <i>Heteropneustes fossilis</i> | 806300 | | Nitrogen metabolism | |
| In vitro techniques | | | Teleostei | 809075 |
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| <i>Heteropneustes fossilis</i> | 806300 | | Myxinomorpha | 809075 |
| Thyroid hormone | | | Petromyzontomorpha | 809075 |
| Experimental analysis | | | Elasmobranchii | 809075 |
| Anguillidae | | | Teleostei | 809075 |
| <i>Anguilla anguilla</i> | 804763 | | Thyroid | |
| Cortical hormones | | | Bagridae | |
| Biochemistry | | | <i>Mystus vittatus</i> | 804546 |
| Anguillidae | | | | 808333 |
| <i>Anguilla anguilla</i> | 805185 | | Liver | |
| Cortisol | | | Ictaluridae | |
| Experimental analysis | | | <i>Ictalurus punctatus</i> | 807081 |
| Anguillidae | | | Ovulation | |
| <i>Anguilla rostrata</i> | 803646 | | Heteropneustidae | |
| Salmonidae | | | <i>Heteropneustes fossilis</i> | 806300 |
| <i>Oncorhynchus nerka</i> | 804549 | | Seminal vesicles | |
| Seminal vesicles | | | Heteropneustidae | |
| Function | | | <i>Heteropneustes fossilis</i> | 805705 |
| Heteropneustidae | | | Embryo physiology | |
| <i>Heteropneustes fossilis</i> | 805704 | | Cobitidae | |
| | 805705 | | <i>Misgurnus fossilis</i> | 804782 |
| Change with age | | | Growth | |
| Histology | | | Teleostei | 809075 |
| Megalopidae | | | Stress reactions | |
| <i>Megalops atlantica</i> | 807576 | | Teleostei | 809075 |
| Biochemistry | | | Adenohypophysis | |
| Megalopidae | | | Myxinomorpha | |
| <i>Megalops atlantica</i> | 807576 | | <i>Myxine glutinosa</i> | 805150 |

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| Endocrine system (continued) | Hydrocortisone | | Teleostei | 809083 |
| | Function | | Oryziatidae | |
| | Use as test animal | | <i>Oryzias latipes</i> | 808744 |
| | Rajidae | | Color change | |
| | <i>Raja</i> | 807455 | Soleidae | |
| | Developmental analysis | | <i>Solea solea</i> | 805044 |
| | In vitro techniques | | Axial skeletal muscles | |
| | Rajidae | | Salmonidae | |
| | <i>Raja radiata</i> | 806297 | <i>Salmo gairdneri</i> | 804025 |
| Cortisol | | | Heart musculature | |
| Effect on fish | | | Congridae | |
| Intermediate metabolism | | | <i>Conger conger</i> | 805218 |
| Salmonidae | | | Red muscles | |
| <i>Oncorhynchus nerka</i> | 804542 | | Cyprinidae | |
| Oxidative metabolism | | | <i>Carassius auratus</i> | 803906 |
| Rajidae | | | Gills | |
| <i>Raja erinacea</i> | 805033 | | Salmonidae | |
| Steroid metabolism | | | <i>Salmo gairdneri</i> | 804367 |
| Salmonidae | | | | 806909 |
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| Ion and water relationships | | | Salmonidae | |
| Rajidae | | | <i>Salmo gairdneri</i> | 804367 |
| <i>Raja eglanteria</i> | 809031 | | | 806909 |
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| Adenohypophysis | | | Orectolobidae | |
| Cyprinidae | | | <i>Ginglymostoma cirratum</i> | 808757 |
| <i>Carassius auratus</i> | 804210 | | Stomach | |
| Liver | | | Gadidae | |
| Rajidae | | | <i>Gadus morhua</i> | 806631 |
| <i>Raja erinacea</i> | 805033 | | Seasonal changes | |
| Testis | | | Batrachoidiformes | |
| Cyprinodontidae | | | <i>Porichthys notatus</i> | 806906 |
| <i>Fundulus heteroclitus</i> | 806896 | | Intermediate metabolism | |
| Stress reactions | | | Salmonidae | |
| Salmonidae | | | <i>Salmo gairdneri</i> | 803653 |
| <i>Oncorhynchus nerka</i> | 804542 | | Pigment cells | |
| Adenohypophysis | | | Experimental analysis | |
| Experimental analysis | | | Cyprinidae | |
| Anguillidae | | | <i>Phoxinus phoxinus</i> | 803726 |
| <i>Anguilla japonica</i> | 807302 | | Effect on fish | |
| Adrenal cortex | | | Cichlidae | |
| Experimental analysis | | | <i>Pterophyllum eimekei</i> | 803609 |
| Anguillidae | | | Color change | |
| <i>Anguilla rostrata</i> | 804544 | | Experimental analysis | |
| Salinity | | | Cyprinidae | |
| Experimental analysis | | | <i>Phoxinus phoxinus</i> | 803726 |
| Anguillidae | | | Iris and pupil | |
| <i>Anguilla japonica</i> | 807302 | | Function | |
| Seasonal changes | | | Scombridae | |
| Biochemical blood constituents | | | <i>Thunnus</i> | 804450 |
| Salmonidae | 806077 | | Cyprinidae | 804450 |
| Stress reactions | | | Arterial system | |
| Function | | | Effect on fish | |
| Salmonidae | | | Anguillidae | |
| <i>Oncorhynchus kisutch</i> | 804368 | | <i>Anguilla occidentalis</i> | 803719 |
| <i>Salmo gairdneri</i> | 804368 | | Salmonidae | |
| Corticosterone | | | <i>Salmo trutta</i> | 803719 |
| Effect on fish | | | Heart | |
| Ion and water relationships | | | Biochemistry | |
| Rajidae | | | Myxinoimorpha | 807934 |
| <i>Raja eglanteria</i> | 809031 | | Petromyzontomorpha | 807934 |
| Aldosterone | | | Elasmobranchii | 807934 |
| Biochemistry | | | Teleostei | 807934 |
| Chimaeromorpha | | | Stress reactions | |
| <i>Hydrolagus collicii</i> | | | Experimental analysis | |
| Clupeidae | | | Petromyzontomorpha | |
| <i>Clupea harengus</i> | 806077 | | <i>Petromyzon marinus</i> | 806568 |
| Teleostei | 806077 | | Neuromuscular transmission | |
| Biochemical blood constituents | | | Effect on fish | |
| Experimental analysis | | | Red muscles | |
| Clupeidae | | | Cyprinidae | |
| <i>Clupea harengus</i> | 805188 | | <i>Carassius auratus</i> | 809013 |
| Adrenaline | | | | |
| Effect on fish | | | Noradrenaline | |
| Luminescent organs | | | Effect on fish | |
| Batrachoidiformes | | | Glucose content | |
| <i>Porichthys notatus</i> | 804155 | | Rajidae | |
| Photophores | | | <i>Raja erinacea</i> | 804239 |
| Batrachoidiformes | | | Pigment cells | |
| <i>Porichthys notatus</i> | 806906 | | Teleostei | |
| Water content | | | Oryziatidae | 809083 |
| Salmonidae | | | <i>Oryzias latipes</i> | 808744 |
| <i>Salmo gairdneri</i> | 804025 | | Heart musculature | |
| Glucose content | | | Congridae | |
| Rajidae | | | <i>Conger conger</i> | 805239 |
| <i>Raja erinacea</i> | 804239 | | Red muscles | |
| Carbohydrate metabolism | | | Cyprinidae | |
| Petromyzontomorpha | | | <i>Carassius auratus</i> | 803906 |
| <i>Lamprologus fluviatilis</i> | 806306 | | Hemodynamics | |
| Pigment cells | | | Anguillidae | |
| Elasmobranchii | 809083 | | <i>Anguilla anguilla</i> | 805224 |

| Pigment cells | | Function | | Endocrine system |
|-------------------------------|--------|--------------------------------|--------|------------------|
| Function | | | | (continued) |
| Salmonidae | | Descriptive evolution | | |
| <i>Salmo gairdneri</i> | 804406 | Myxiniomorpha | | |
| Neurohypophysis | | <i>Myxine glutinosa</i> | 806302 | |
| Function | | Petromyzontomorpha | 805153 | |
| Gasterosteidae | | Experimental analysis | | |
| <i>Gasterosteus aculeatus</i> | 804158 | Cottidae | | |
| Arterial system | | <i>Myoxocephalus scorpius</i> | 807963 | |
| Effect on fish | | Glucose content | | |
| Anguillidae | | Experimental analysis | | |
| <i>Anguilla occidentalis</i> | 803719 | Rajidae | | |
| Salmonidae | | <i>Raja erinacea</i> | 804239 | |
| <i>Salmo trutta</i> | 803719 | Clariidae | | |
| Heart | | <i>Clarias batrachus</i> | 805133 | |
| Biochemistry | | Batrachoidiformes | | |
| Myxiniomorpha | 807934 | <i>Opsanus tau</i> | 805028 | |
| Petromyzontomorpha | 807934 | Adenohypophysis | | |
| Elasmobranchii | 807934 | Experimental analysis | | |
| Teleostei | 807934 | Clariidae | | |
| Stress reactions | | <i>Clarias batrachus</i> | 806702 | |
| Experimental analysis | | Insulin | | |
| Petromyzontomorpha | | Experimental analysis | | |
| <i>Petromyzon marinus</i> | 806568 | Clariidae | | |
| Neuromuscular transmission | | <i>Clarias batrachus</i> | 805133 | |
| Effect on fish | | Larva | | |
| Red muscles | | Cytology | | |
| Cyprinidae | | Petromyzontomorpha | | |
| <i>Carassius auratus</i> | 809013 | <i>Lampetra fluviatilis</i> | 803641 | |
| Pancreatic islets | | Function | | |
| Anatomy | | Petromyzontomorpha | | |
| Histology | | <i>Lampetra fluviatilis</i> | 803642 | |
| Myxiniomorpha | 809074 | Insulin | | |
| Petromyzontomorpha | 809074 | Developmental analysis | | |
| Chimaeromorpha | 809074 | Radioactive tracers | | |
| Elasmobranchii | 809074 | Gadidae | | |
| Dipnoi | 809074 | <i>Gadus morhua</i> | 804354 | |
| Coelacanthini | 809074 | Descriptive evolution | 805153 | |
| <i>Latimeria chalumnae</i> | 809074 | Effect on fish | | |
| Amiromorpha | | Biochemistry | | |
| <i>Amia calva</i> | 809074 | Myxiniomorpha | 809074 | |
| Teleostei | 809074 | Petromyzontomorpha | 809074 | |
| Function | | Elasmobranchii | 809074 | |
| Myxiniomorpha | 809074 | Teleostei | 809074 | |
| Petromyzontomorpha | 809074 | Glucose content | | |
| Chimaeromorpha | 809074 | Rajidae | | |
| Elasmobranchii | 809074 | <i>Raja erinacea</i> | 804239 | |
| Amiromorpha | | Scyliorhinidae | | |
| <i>Amia calva</i> | 809074 | <i>Scyliorhinus caniculus</i> | 805245 | |
| Teleostei | 809074 | Enzymology | | |
| Descriptive evolution | | Petromyzontomorpha | | |
| Myxiniomorpha | 809074 | <i>Lampetra fluviatilis</i> | 806306 | |
| Change with age | | Salmonidae | | |
| Petromyzontomorpha | 809074 | <i>Salmo gairdneri</i> | 807544 | |
| Teleostei | 809074 | Carbohydrate metabolism | | |
| Seasonal changes | | Myxiniomorpha | 809074 | |
| Teleostei | 809074 | Petromyzontomorpha | 809074 | |
| Histology | | <i>Lampetra fluviatilis</i> | 806306 | |
| Dipnoi | | Chimaeromorpha | 809074 | |
| <i>Protopterus annectens</i> | 806493 | Elasmobranchii | 809074 | |
| Coelacanthini | | Teleostei | 809074 | |
| <i>Latimeria chalumnae</i> | 807064 | Pancreatic islets | | |
| Cottidae | | Clariidae | | |
| <i>Myoxocephalus scorpius</i> | 807963 | <i>Clarias batrachus</i> | 805133 | |
| Ultrastructure | | Liver | | |
| Petromyzontomorpha | | Petromyzontomorpha | | |
| <i>Lampetra planeri</i> | 804041 | <i>Lampetra fluviatilis</i> | 806306 | |
| Anguillidae | 805391 | Glucagon | | |
| <i>Anguilla anguilla</i> | 805731 | Effect on fish | | |
| Congridae | | Biochemistry | | |
| <i>Conger conger</i> | 805731 | Teleostei | 809074 | |
| Muraenidae | | Carbohydrate metabolism | | |
| <i>Muraena helena</i> | 805731 | Teleostei | 809074 | |
| Function | | Gastrointestinal hormones | | |
| Petromyzontomorpha | 806303 | Chimaeromorpha | | |
| Development | | <i>Chimaera monstrosa</i> | 806523 | |
| Petromyzontomorpha | | Descriptive evolution | 805153 | |
| <i>Lampetra planeri</i> | 804041 | Corpuscles of Stannius | | |
| Cytology | | Anatomy | | |
| Chimaeromorpha | | Histology | | |
| <i>Chimaera monstrosa</i> | 805189 | Ultrastructure | | |
| Ultrastructure | | Acipenseromorpha | | |
| Cichlidae | | <i>Acipenser transmontanus</i> | 805149 | |
| <i>Tilapia mossambica</i> | 805183 | Gobiidae | | |
| Descriptive evolution | | <i>Gillichthys mirabilis</i> | 805149 | |
| Cichlidae | | Cichlidae | | |
| <i>Tilapia mossambica</i> | 805183 | <i>Tilapia mossambica</i> | 805149 | |
| Biochemistry | | Embiotocidae | 805149 | |
| Cottidae | | Serranidae | | |
| <i>Myoxocephalus scorpius</i> | 807963 | <i>Morone saxatilis</i> | 805149 | |
| Abnormality | | Bothidae | | |
| Cottidae | | <i>Citharichthys sordidus</i> | 805149 | |
| <i>Myoxocephalus scorpius</i> | 807963 | Pleuronectidae | | |
| | | <i>Eopsetta jordani</i> | 805149 | |
| | | <i>Platichthys stellatus</i> | 805149 | |

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| Endocrine system (continued) | Cottidae | | Experimental analysis | |
| | <i>Artedius notospilotus</i> | 805149 | Anguillidae | |
| | <i>Leptocottus armatus</i> | 805149 | <i>Anguilla anguilla</i> | 806299 |
| Respiratory system | <i>Scorpaenichthys marmoratus</i> | 805149 | Megalopidae | |
| | Hexagrammidae | | <i>Megalops atlantica</i> | 807576 |
| | <i>Hexagrammos decagrammus</i> | 805149 | Seasonal changes | |
| | Scorpaenidae | | Histology | |
| | <i>Sebastes auriculatus</i> | 805149 | Mugiloidae | |
| | Atherinidae | | <i>Mugil cephalus</i> | 809044 |
| | <i>Atherinopsis californiensis</i> | 805149 | Calcium | |
| | Congridae | | Ion and water relationships | |
| | <i>Conger bowersi</i> | 805149 | Experimental analysis | |
| | Muraenidae | | Anguillidae | |
| | <i>Gymnothorax flavimarginatus</i> | 805149 | <i>Anguilla rostrata</i> | 807377 |
| | Cyprinidae | | Biochemical blood constituents | |
| | <i>Carassius auratus</i> | 805149 | Experimental analysis | |
| | Merlucciidae | | Teleostei | 809076 |
| | <i>Merluccius productus</i> | 805149 | Ultimobranchial body | |
| | Salmonidae | 805149 | Anatomy | |
| Function | Acipenseromorpha | | Ultrastructure | |
| | <i>Acipenser transmontanus</i> | 805149 | Squalidae | |
| | Teleostei | 809075 | <i>Squalus acanthias</i> | 809076 |
| | Gobiidae | | Experimental analysis | |
| | <i>Gillichthys mirabilis</i> | 805149 | Teleostei | 809076 |
| | Cichlidae | | Development | |
| | <i>Tilapia mossambica</i> | 805149 | Elasmobranchii | 809076 |
| | Embiotocidae | 805149 | Teleostei | 809076 |
| | Serranidae | | Ultrastructure | |
| | <i>Morone saxatilis</i> | 805149 | Salmonidae | |
| | Bothidae | | <i>Salmo gairdneri</i> | 804082 |
| | <i>Citharichthys sordidus</i> | 805149 | Function | |
| | Pleuronectidae | | Elasmobranchii | 804290 |
| | <i>Eopsetta jordani</i> | 805149 | Teleostei | 804290 |
| | <i>Platichthys stellatus</i> | 805149 | Calcitonin | |
| | Cottidae | | Biochemistry | |
| | <i>Artedius notospilotus</i> | 805149 | Squalidae | |
| | <i>Leptocottus armatus</i> | 805149 | <i>Squalus acanthias</i> | 803964 |
| | <i>Scorpaenichthys marmoratus</i> | 805149 | Salmonidae | |
| | Hexagrammidae | | <i>Oncorhynchus keta</i> | 803964 |
| | <i>Hexagrammos decagrammus</i> | 805149 | Calcitonin | |
| | <i>Ophiodon elongatus</i> | 805149 | Salmonidae | |
| | Scorpaenidae | | <i>Oncorhynchus</i> | 808373 |
| | <i>Sebastes auriculatus</i> | 805149 | Ultrastructure | |
| | Atherinidae | | Salmonidae | |
| | <i>Atherinopsis californiensis</i> | 805149 | <i>Oncorhynchus</i> | 804867 |
| | Congridae | | Descriptive evolution | |
| | <i>Conger bowersi</i> | 805149 | Salmonidae | |
| | Muraenidae | | <i>Oncorhynchus keta</i> | 804115 |
| | <i>Gymnothorax flavimarginatus</i> | 805149 | <i>Oncorhynchus kisutch</i> | 804115 |
| | Cyprinidae | | <i>Oncorhynchus nerka</i> | 804115 |
| | <i>Carassius auratus</i> | 805149 | Biochemistry | |
| | Merlucciidae | | Squalidae | |
| | <i>Merluccius productus</i> | 805149 | <i>Squalus acanthias</i> | 803964 |
| | Salmonidae | 805149 | Salmonidae | |
| | Steroid metabolism | | <i>Oncorhynchus keta</i> | 803964 |
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| Histology | | | Squalidae | |
| Function | | | <i>Squalus acanthias</i> | 809076 |
| Salmonidae | | | Teleostei | 809076 |
| <i>Salmo salar</i> | 803809 | | Effect on fish | |
| Ultrastructure | | | Carcharhinidae | |
| Biochemistry | | | <i>Galeorhinus galeus</i> | 803941 |
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| <i>Poecilia reticulata</i> | 809035 | | <i>Poroderma africanum</i> | 803941 |
| Experimental analysis | | | Gills | |
| Poeciliidae | | | Anatomy | |
| <i>Poecilia reticulata</i> | 809035 | | Gasterosteidae | |
| Steroid metabolism | | | <i>Gasterosteus aculeatus</i> | 803786 |
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| Salmonidae | | | Blenniidae | |
| <i>Salmo gairdneri</i> | 803643 | | <i>Blennius ocellaris</i> | 804895 |
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| Anguillidae | | | <i>Leptoclinus maculatus</i> | 804895 |
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| Adrenal cortex | | | <i>Lepomis gibbosus</i> | 804895 |
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| Mugiloidae | | | Serranidae | |
| <i>Mugil cephalus</i> | 809044 | | <i>Anthias anthias</i> | 804895 |
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| <i>Megalops atlantica</i> | 807576 | | <i>Tetrapterus audeax</i> | 807620 |
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| Megalopidae | | | <i>Axius</i> | 807620 |
| <i>Megalops atlantica</i> | 807576 | | <i>Sarda sarda</i> | 804895 |
| | | | <i>Scomber scombrus</i> | 804895 |

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|----------------------------------------|--------|----------------------------------------|--------|-----------------------------------|
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| Trachinidae | | <i>Brachymystax lenok</i> | 806447 | Respiratory system (continued) |
| <i>Trachinus draco</i> | 804895 | <i>Salvelinus alpinus</i> | 807221 | |
| Uranoscopidae | | <i>Thymallus arcticus</i> | | |
| <i>Uranoscopus</i> | 804895 | <i>Coregonus autumnalis</i> | 806447 | Gills |
| Pleuronectidae | | Experimental analysis | | |
| <i>Platichthys flesus</i> | 803786 | Salmonidae | | |
| | 804895 | <i>Salmo gairdneri</i> | 806909 | |
| Scophthalmidae | | Development | | |
| <i>Scophthalmus macoticus</i> | 803786 | Gobiidae | | |
| | 804895 | <i>Chasmichthys dolichognathus</i> | 806235 | |
| Soleidae | | <i>Rhinogobius similis</i> | 806235 | |
| <i>Solea lascaris</i> | 803786 | <i>Tridentiger obscurus</i> | 806235 | |
| | 804895 | <i>Tridentiger trigonoccephalus</i> | 806235 | |
| Agonidae | | Serranidae | | |
| <i>Aspidophoroides bartoni</i> | 804895 | <i>Lateolabrax japonicus</i> | 806235 | |
| Cottidae | | Sparidae | | |
| <i>Cottus gobio</i> | 804895 | <i>Acanthopagrus schlegelii</i> | 806235 | |
| <i>Myoxocephalus octodecemspinosus</i> | 804895 | <i>Pagrus major</i> | 806235 | |
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| <i>Malacocottus zonurus</i> | 804895 | Scorpaenidae | | |
| Icelidae | | <i>Sebastes marmoratus</i> | 806235 | |
| <i>Icelus uncinialis</i> | 804895 | Balistidae | | |
| Scorpaenidae | 804895 | <i>Navodon modestus</i> | 806235 | |
| Belonidae | | Tetraodontidae | | |
| <i>Belone bellone</i> | 803786 | <i>Fugu niphobles</i> | 806235 | |
| | 804895 | <i>Fugu rubripes</i> | 806235 | |
| Exocoetidae | | Oryziatidae | | |
| <i>Exocoetus monocirrhus</i> | 803786 | <i>Oryzias latipes</i> | 806235 | |
| | 804895 | Exocoetidae | | |
| Clupeidae | | <i>Hemiramphus sajori</i> | 806235 | |
| <i>Alosa pontica</i> | 804895 | Cyprinidae | | |
| <i>Clupeonella cultriventris</i> | 804895 | <i>Carassius auratus</i> | 806235 | |
| Engraulidae | | <i>Cyprinus carpio</i> | 806235 | |
| <i>Engraulis encrasicolus</i> | 804895 | <i>Gnathopogon caerulescens</i> | 806235 | |
| Cyprinidae | 804895 | Salmonidae | | |
| Gadidae | 804895 | <i>Salmo gairdneri</i> | 806235 | |
| <i>Gaidropsarus mediterraneus</i> | 803786 | Acclimation | | |
| <i>Lota lota</i> | 803786 | Temperature | | |
| <i>Odontogadus merlangus</i> | 803786 | Cyprinidae | | |
| Esocidae | | <i>Carassius auratus</i> | 806524 | |
| <i>Esox lucius</i> | 804895 | Protein synthesis | | |
| Salmonidae | | Experimental analysis | | |
| <i>Salmo trutta</i> | 804895 | Anguillidae | | |
| Histology | | <i>Anguilla anguilla</i> | 804794 | |
| Squalidae | | Enzymology | | |
| <i>Squalus acanthias</i> | 803949 | Experimental analysis | | |
| Gobiidae | | Pleuronectidae | | |
| <i>Periophthalmus vulgaris</i> | 805043 | <i>Platichthys stellatus</i> | 806076 | |
| Cottidae | | Cottidae | | |
| <i>Cottus gobio</i> | 805251 | <i>Leptocottus armatus</i> | 806076 | |
| Function | | Salmonidae | | |
| Squalidae | | <i>Oncorhynchus tshawytscha</i> | 806076 | |
| <i>Squalus acanthias</i> | 803949 | Immunological analysis | | |
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| <i>Periophthalmus vulgaris</i> | 805043 | <i>Oncorhynchus tshawytscha</i> | 806076 | |
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| <i>Channichthys rugosus</i> | 804400 | Pleuronectidae | | |
| Cottidae | | <i>Platichthys stellatus</i> | 806076 | |
| <i>Cottus gobio</i> | 805251 | Cottidae | | |
| Ictaluridae | | <i>Leptocottus armatus</i> | 806076 | |
| <i>Ictalurus</i> | 804112 | ATP ase content and function | | |
| Salmonidae | | Biochemistry | | |
| <i>Salmo gairdneri</i> | 804367 | Squalidae | | |
| Histology | | <i>Squalus acanthias</i> | 806803 | |
| Gasterosteidae | | Gobiidae | | |
| <i>Gasterosteus aculeatus</i> | 803786 | <i>Acanthogobius flavimanus</i> | 804908 | |
| Pleuronectidae | | Labridae | | |
| <i>Platichthys flesus</i> | 803786 | <i>Halichoeres poecilopterus</i> | 804908 | |
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| <i>Scophthalmus macoticus</i> | 803786 | <i>Goniistius zonatus</i> | 804908 | |
| Soleidae | | Carangidae | | |
| <i>Solea lascaris</i> | 803786 | <i>Trachurus japonicus</i> | 804908 | |
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| <i>Belone bellone</i> | 803786 | <i>Micropterus dolomieu</i> | 806803 | |
| Exocoetidae | | Embiotocidae | | |
| <i>Exocoetus monocirrhus</i> | 803786 | <i>Ditrema temminckii</i> | 804908 | |
| Gadidae | | Kyphosidae | | |
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| <i>Lota lota</i> | 803786 | Serranidae | | |
| <i>Odontogadus merlangus</i> | 803786 | <i>Epinephelus septemfasciatus</i> | 804908 | |
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| Cyprinodontidae | | <i>Pseudopleuronectes americanus</i> | 806803 | |
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| Function | | <i>Hemimtripterus americanus</i> | 806803 | |
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| <i>Acipenser baeri</i> | 806447 | Scorpaenidae | | |
| Gobiidae | 806447 | <i>Sebastes inermis</i> | 804908 | |
| Percidae | | Balistidae | | |
| <i>Perca schrenkii</i> | 807221 | <i>Monacanthus cirrhifer</i> | 804908 | |
| Cyprinidae | | Atherinidae | | |
| <i>Cyprinus carpio</i> | 807221 | <i>Atherina tsurugae</i> | 804908 | |
| Esocidae | | Cyprinodontidae | | |
| <i>Esox lucius</i> | 806447 | <i>Fundulus heteroclitus</i> | 806803 | |

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| | <i>Anguilla japonica</i> | 804908 | Cyprinidae | 805372 |
| | <i>Anguilla rostrata</i> | 806803 | <i>Rutilus rutilus</i> | 805213 |
| Gills | Cyprinidae | 804908 | Homalopteridae | |
| | <i>Notropis</i> | 806803 | <i>Gastromyzon</i> | 805372 |
| | Lophiidae | | Bagridae | |
| | <i>Lophius americanus</i> | 806803 | <i>Pelteobagrus nudiceps</i> | 805372 |
| | Salmonidae | | Siluridae | |
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| | <i>Salmo gairdneri</i> | 804908 | Plecoglossidae | |
| LDH isoenzymes | | | <i>Plecoglossus altivelis</i> | 805372 |
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| Cyprinidae | | | Labridae | |
| <i>Cyprinus carpio</i> | 803563 | | <i>Crenilabrus melops</i> | 807351 |
| Salmonidae | | | <i>Tautoga onitis</i> | 807351 |
| <i>Salmo gairdneri</i> | 803563 | | Mugilidae | |
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| Anguillidae | | | <i>Caranx crysos</i> | 807351 |
| <i>Anguilla anguilla</i> | 804031 | | <i>Trachurus trachurus</i> | 807351 |
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| <i>Gasterosteus aculeatus</i> | 804754 | | Coryphaenidae | |
| Anguillidae | | | <i>Coryphaena hippurus</i> | 807351 |
| <i>Anguilla anguilla</i> | 804794 | | Echeneidae | |
| <i>Anguilla japonica</i> | 808948 | | <i>Echeneis naucrates</i> | 807351 |
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| Anguillidae | | | <i>Cynoscion regalis</i> | 807351 |
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| <i>Anguilla anguilla</i> | 805215 | | <i>Conger conger</i> | 807351 |
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| Anatomy | | | <i>Cyprinus carpio</i> | 807351 |
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| <i>Cobitis taenia</i> | 805372 | | Cottidae | |
| | | | <i>Hemimipterus americanus</i> | 804877 |

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| <i>Anguilla anguilla</i> | 803765 | Abnormality | | |
| Function | | Experimental analysis | | |
| Teleostei | 803855 | Cyprinidae | | |
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| <i>Anguilla anguilla</i> | 803765 | <i>Tetraodon lineatus</i> | 807620 | |
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| Function | | Percidae | | |
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| <i>Carassius auratus</i> | 805372 | Salmonidae | | |
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| Salinity | | | 804034 | |
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| Experimental analysis | | Function | | |
| Cichlidae | | Experimental analysis | | |
| <i>Etroplus maculatus</i> | 804161 | Anguillidae | | |
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| <i>Salvelinus fontinalis</i> | 806947 | Cottidae | | |
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| Experimental analysis | | <i>Carassius auratus</i> | 803929 | |
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| <i>Salmo gairdneri</i> | 807828 | Cyprinodontidae | | |
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| Abnormality | | Biochemistry | | |
| Centrarchidae | | Cyprinidae | | |
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| Respiratory system (continued) | Function | | Gobiidae | |
| | Teleostei | 804095 | <i>Periophthalmus vulgaris</i> | 806963 |
| Gas bladder | Anguillidae | | Function | |
| | <i>Anguilla anguilla</i> | 805418 | Gobiidae | 806963 |
| | Biomembranes | | <i>Periophthalmus vulgaris</i> | |
| | Ultrastructure | | Gut respiration | |
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| | Bothidae | | Dipnoi | 806665 807059 |
| | <i>Paralichthys lethostigma</i> | 804808 | Innervation | |
| | Salinity | | Biochemistry | |
| | Experimental analysis | | Dipnoi | 807934 |
| | Salmonidae | | Gas bladder respiration | |
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| | Ophichthidae | | Anatomy | |
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| | <i>Carassius carassius</i> | 807321 | <i>Cynolebias bellotti</i> | 808499 |
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| | <i>Lepomis gibbosus</i> | 803826 | Enzymology | |
| | Ictaluridae | | Biochemistry | |
| | <i>Ictalurus nebulosus</i> | 803826 | Cyprinidae | |
| | Salmonidae | | <i>Cyprinus carpio</i> | 805219 |
| | <i>Salmo trutta</i> | 803826 | Pigments | |
| | Temperature | | Histology | |
| | Experimental analysis | | Prochilodontidae | |
| | Centrarchidae | | <i>Prochilodus scrofa</i> | 805651 |
| | <i>Lepomis macrochirus</i> | 803970 | Cyprinidae | |
| | Oryziatidae | | <i>Cyprinus carpio</i> | 805651 |
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| | Poeciliidae | | <i>Pinelodus maculatus</i> | 805651 |
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| | Cyprinidae | | Anatomy | |
| | <i>Carassius auratus</i> | 805374 | Cyprinidae | |
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| | Gobiidae | | Anatomy | |
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| | Oxygen | | <i>Cyprinus carpio</i> | 808227 |
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| | Centrarchidae | | Cyprinidae | |
| | <i>Lepomis macrochirus</i> | 803970 | <i>Cyprinus carpio</i> | 808245 |
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| | Abnormality | | Steroid metabolism | |
| | Salmonidae | | Biochemistry | |
| | <i>Salmo gairdneri</i> | 804579 | Salmonidae | |
| | Stress reactions | | <i>Salmo gairdneri</i> | 803643 |
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| | Cyprinidae | | Histology | |
| | <i>Cyprinus carpio</i> | 808245 | Pleuronectidae | |
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| | Salmonidae | | Pleuronectidae | |
| | <i>Salmo gairdneri</i> | 806988 | <i>Pseudopleuronectes americanus</i> | 807524 |
| | Poisonous gas pollutants | | Thymus | |
| | Muscular electrophysiology | | Anatomy | |
| | Salmonidae | | Function | |
| | <i>Salmo gairdneri</i> | 806988 | Petromyzontomorpha | 806606 |
| | Insecticide pollutants | | Elasmobranchii | 806606 |
| | Muscular electrophysiology | | Teleostei | 806606 |
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| | Cyprinidae | | Chimaeromorpha | |
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| | Histamine | | Function | |
| | Biochemistry | | Anatomy | |
| | Cyprinidae | | Salmonidae | |
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| | <i>Channa punctatus</i> | 806706 | <i>Neoceratodus forsteri</i> | 807625 |
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| | Dipnoi | | Dipnoi | |
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| | <i>Salmo trutta</i> | 806573 | Protein specificity | |
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| Hydrogen ion concentration | | Ictaluridae | |
| Salmonidae | | <i>Ictalurus punctatus</i> | 807081 |
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| Intermediary metabolism | | Teleostei | 806620 |
| Experimental analysis | | | |
| Carcharhinidae | | | |
| <i>Mustelus canis</i> | | | |
| Ion and water relationships | | | |
| Biochemistry | | | |

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| Circulatory system (continued) | Bleeding | | | Protein synthesis | |
| | Developmental analysis | | | Biochemistry | |
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| | Biochemistry | | | Biochemistry | |
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| | Folic acid | | | Development | |
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| | Teleostei | 804869 | | Teleostei | 809075 |
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| | Function | | | Teleostei | 809075 |
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| | <i>Heteropneustes fossilis</i> | 804257 | | Function | |
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| | <i>Mugil incilis</i> | 808338 | | <i>Carcharinus leucas</i> | 803628 |
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| | Betoniidae | | | <i>Latimeria chalumnae</i> | 809063 |
| | <i>Xenotodon cancula</i> | 805953 | | Acipenseromorpha | 809063 |
| | Clupeidae | | | Teleostei | 809063 |
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| | Ultrastructure | | | Dipnoi | |
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| | <i>Tinca tinca</i> | 805602 | | <i>Neoceratodus forsteri</i> | 806574 |
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| | <i>Ictiobus cyprinellus</i> | 807529 | | <i>Eleginus navaga</i> | 803874 |
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| | <i>Fundulus heteroclitus</i> | 807365 | | Gadidae | |
| | Stress reactions | | | <i>Eleginus navaga</i> | 803874 |
| | Cyprinodontidae | | | <i>Gadus morhua</i> | 803874 |
| | <i>Fundulus heteroclitus</i> | 807365 | | Lipid and fatty acid content | |
| | Function | | | Biochemistry | |
| | Petromyzontomorpha | 806606 | | Pleuronectidae | |
| | Elasmobranchii | 806606 | | <i>Liopsetta glacialis</i> | 804594 |
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| | Development | | | Gadidae | |
| | Dipnoi | | | <i>Eleginus navaga</i> | 804594 |
| | <i>Neoceratodus forsteri</i> | 807625 | | <i>Gadus morhua</i> | 804594 |

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| Pleuronectidae | | <i>Raja radiata</i> | 804538 | (continued) |
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| <i>Placichthys flossus</i> | 804594 | Seasonal changes | | |
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| <i>Eleginus navaga</i> | 804594 | <i>Sebastes marmoratus</i> | 806579 | Blood and lymph |
| <i>Gadus morhua</i> | 804594 | Biochemical sex differences | | |
| Experimental analysis | | Age at maturity | | |
| Salmonidae | | Salmonidae | | |
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| Biochemical sex differences | | Change with age | | |
| Gadidae | | Anguillidae | | |
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| <i>Gadus morhua</i> | 803874 | Nutrition | | |
| Change with age | | Captive vs natural fishes | | |
| Gadidae | | Salmonidae | | |
| <i>Eleginus navaga</i> | 803874 | <i>Salmo gairdneri</i> | 807827 | |
| <i>Gadus morhua</i> | 803874 | Vitamin requirements | | |
| Protein requirements | | Lipid and fatty acid content | | |
| Salmonidae | | Salmonidae | | |
| <i>Salmo trutta</i> | 808852 | <i>Salvelinus fontinalis</i> | 808854 | |
| Glucose content | | Serum proteins | | |
| Experimental analysis | | Salmonidae | | |
| Petromyzontomorpha | | <i>Salvelinus fontinalis</i> | 808854 | |
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| Rajidae | | Experimental analysis | | |
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| Scombridae | | <i>Cyprinus carpio</i> | 807933 | |
| <i>Euthynnus pelamis</i> | 807823 | Inheritance | | |
| Cottidae | | Polymorphism | | |
| <i>Myoxocephalus scorpius</i> | 807963 | Scorpenidae | | |
| Cyprinidae | | <i>Sebastes marinus</i> | 803875 | |
| <i>Cyprinus carpio</i> | 808951 | <i>Sebastes mentella</i> | 803875 | |
| Larva | | Polymorphism | | |
| Petromyzontomorpha | | Development | | |
| <i>Lampetra planeri</i> | 806306 | Cyprinidae | | |
| Seasonal changes | | <i>Rutilus rutilus</i> | 803876 | |
| Petromyzontomorpha | | Immunological analysis | | |
| <i>Lampetra fluviatilis</i> | 806306 | Clupeidae | | |
| <i>Lampetra planeri</i> | 806306 | <i>Sardina pilchardus</i> | 808199 | |
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| Scombridae | | Elasmobranchii | 806058 | |
| <i>Euthynnus pelamis</i> | 807823 | Acipenseromorpha | 806058 | |
| Nitrogenous content | | Teleostei | 806058 | |
| Chimaeromorpha | 809063 | Cyprinidae | | |
| Elasmobranchii | 809063 | <i>Rutilus rutilus</i> | 803876 | |
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| Teleostei | 809063 | <i>Trematomus</i> | 808762 | |
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| Ion and water relationships | | | 805707 | |
| Experimental analysis | | Carbohydrate content | | |
| Rajidae | | Nototheniidae | | |
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| Seasonal changes | | Cyprinodontidae | | |
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| Homeostatic mechanisms | | Nototheniidae | | |
| Experimental analysis | | Temperature | | |
| Cyprinidae | | Cyprinodontidae | | |
| <i>Cyprinus carpio</i> | 808951 | <i>Fundulus heteroclitus</i> | 805400 | |
| Pigments | | Salinity | | |
| Biochemistry | | Experimental analysis | | |
| Salmonidae | | Cyprinodontidae | | |
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| Petromyzontomorpha | | Cichlidae | | |
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| <i>Salmo gairdneri</i> | 808256 | Squalidae | | |
| Immunological analysis | | <i>Squalus acanthias</i> | 808884 | |
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| <i>Ictalurus nebulosus</i> | 808710 | <i>Squalus acanthias</i> | 806809 | |
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| Pleuronectidae | | Identification | | |
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| Ictaluridae | | Hormone induced reproduction | | |
| <i>Ictalurus catus</i> | 808709 | Experimental analysis | | |
| <i>Ictalurus nebulosus</i> | 808709 | Cyprinidae | | |
| Androgens | | <i>Crassius auratus</i> | 804125 | |
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|-----------------------------------|---------------------------------|--------|--------------------------------------|----------------------------|--------|
| Circulatory system (continued) | Alkaline phosphatase | | Cyprinidae | | 804844 |
| | Seasonal changes | | <i>Cyprinus carpio</i> | | 808226 |
| | Cyprinidae | | | | 808228 |
| Blood and lymph | <i>Catla catla</i> | 804797 | | | 808433 |
| | <i>Cirrhina mrigala</i> | 804797 | Ariidae | <i>Arius felis</i> | 805138 |
| | <i>Labeo rohita</i> | 804797 | Ictaluridae | <i>Ictalurus punctatus</i> | 805138 |
| | Amino acids | | Salmonidae | <i>Oncorhynchus nerka</i> | 808923 |
| | Change with age | | Ultrastructure | | |
| | Salmonidae | | Biochemistry | | |
| | <i>Oncorhynchus tshawytscha</i> | 806084 | Petromyzontomorpha | | |
| | Calcium | | <i>Petromyzon marinus</i> | | 809012 |
| | Experimental analysis | | Biochemistry | | |
| | Scyliorhinidae | | Acipenseromorpha | | |
| | <i>Scyliorhinus caniculus</i> | 805034 | <i>Acipenser gueldenstaedti</i> | | 804600 |
| | Homeostatic mechanisms | | <i>Acipenser ruthenus</i> | | 804600 |
| | Experimental analysis | | <i>Acipenser stellatus</i> | | 804600 |
| | Myximomorpha | 809076 | Cichlidae | | |
| | Petromyzontomorpha | 809076 | <i>Tilapia melanopleura</i> | | 804894 |
| | Elasmobranchii | 809076 | Scorpaenidae | | |
| | Ovarian cycles | | <i>Sebastes aleutianus</i> | | 807915 |
| | Protein content | | <i>Sebastes melanostomus</i> | | 807915 |
| | Anabantidae | | Anostomidae | | |
| | <i>Anabas scandens</i> | 806952 | <i>Leporinus copelandi</i> | | 804894 |
| | Glucose content | | <i>Leporinus octofasciatus</i> | | 804894 |
| | Anabantidae | | <i>Schizodon nasutus</i> | | 804894 |
| | <i>Anabas scandens</i> | 806952 | Characidae | | |
| | Immunoglobulin | | <i>Salminus hilari</i> | | 804894 |
| | Change with age | | <i>Salminus maxillosus</i> | | 804894 |
| | Biochemistry | | Prochilodontidae | | |
| | Oreochromidae | | <i>Prochilodus scrofa</i> | | 804894 |
| | <i>Ginglymostoma cirratum</i> | 808945 | Loricariidae | | |
| | Lactate dehydrogenase | | <i>Plecostomus paulinus</i> | | 804894 |
| | Serranidae | | <i>Plecostomus regani</i> | | 804894 |
| | <i>Picentrarchus labrax</i> | 803619 | Pimelodontidae | | |
| | Scombridae | | <i>Pimelodus clarias</i> | | 804894 |
| | <i>Scomber scombrus</i> | 803619 | Descriptive evolution | | |
| | Pleuronectidae | | Petromyzontomorpha | | |
| | <i>Pleuronectes platessa</i> | 803619 | <i>Lampetra fluviatilis</i> | | 804621 |
| | Gadidae | | Function | | |
| | <i>Gadus morhua</i> | 803619 | Nototheniidae | | 803967 |
| | Methaemalbumin | | Experimental analysis | | |
| | Salmonidae | | Function | | |
| | <i>Oncorhynchus</i> | 804460 | Sparidae | | |
| | Transaminase | | <i>Lagodon rhomboides</i> | | 803900 |
| | Enzymology | | Carbon dioxide | | |
| | Scyliorhinidae | | Salmonidae | | |
| | <i>Scyliorhinus caniculus</i> | 804024 | <i>Salmo gairdneri</i> | | 805982 |
| Hemoglobin | Chimaeromorpha | | Protein specificity | | |
| | <i>Chimaera monstrosa</i> | 805135 | Biochemistry | | |
| | Carchariidae | | Gobiidae | | |
| | <i>Carcharhinus leucas</i> | 803628 | <i>Padogobius panizai</i> | | 807022 |
| | Semionotomorpha | | Cichlidae | | |
| | <i>Lepisosteus oculatus</i> | 803632 | <i>Tilapia leucosticta</i> | | 808974 |
| | Holocentridae | | <i>Tilapia zilli</i> | | 808974 |
| | <i>Holocentrus ascensionis</i> | 807814 | Cyprinodontidae | | |
| | <i>Holocentrus rufus</i> | 807814 | <i>Aphanius fasciatus</i> | | 807022 |
| | Aulostomidae | | Poeciliidae | | |
| | <i>Aulostomus maculatus</i> | 807814 | <i>Gambusia affinis</i> | | 807022 |
| | Branchiostegidae | | Isoenzymes | | |
| | <i>Malacanthus plumieri</i> | 807814 | Petromyzontomorpha | | |
| | Carangidae | | <i>Petromyzon marinus</i> | | 803686 |
| | <i>Caranx ruber</i> | 807814 | Oxygen transport | | |
| | Echeneidae | | Function | | |
| | <i>Echeneis naucrates</i> | 807814 | Scyliorhinidae | | |
| | Gerreidae | | <i>Scyliorhinus caniculus</i> | | 805015 |
| | <i>Eucinostomus argenteus</i> | 807814 | Carbon dioxide transport | | |
| | Lutjanidae | 807814 | Function | | |
| | Pomadasyidae | 807814 | Scyliorhinidae | | |
| | Serranidae | 807814 | <i>Scyliorhinus caniculus</i> | | 804642 |
| | Sparidae | | Gas transport by blood | | |
| | <i>Calamus pennatula</i> | 807814 | Experimental analysis | | |
| | <i>Calamus proridens</i> | 807814 | Anguillidae | | |
| | Scombridae | | <i>Anguilla rostrata</i> | | 805209 |
| | <i>Scomberomorus regalis</i> | 807814 | Sexual dimorphism | | |
| | Sphyrnaeidae | | Seasonal changes | | |
| | <i>Sphyrna barracuda</i> | 807814 | Scorpaenidae | | |
| | Cottidae | 806257 | <i>Sebastes marmoratus</i> | | 806579 |
| | Balistidae | | Sexually dimorphic blood cell counts | | |
| | <i>Balistes vetula</i> | 807814 | Teleostei | | 805728 |
| | Ostraciidae | | Biochemical sex differences | | |
| | <i>Lactophrys trigonus</i> | 807814 | Age at maturity | | |
| | Belontiidae | | Salmonidae | | |
| | <i>Strongylura notata</i> | 807814 | <i>Oncorhynchus tshawytscha</i> | | 807777 |
| | Clupeidae | | Change with age | | |
| | <i>Opisthonema oglinum</i> | 808181 | Rajidae | | |
| | Muraenidae | | <i>Raja clavata</i> | | 805728 |
| | <i>Gymnothorax moringa</i> | 807814 | Torpedinidae | | |
| | Catostomidae | | <i>Torpedo marmorata</i> | | 805728 |
| | <i>Ictiobus bubalus</i> | 807529 | Scyliorhinidae | | |
| | <i>Ictiobus cyprinellus</i> | 807529 | <i>Scyliorhinus caniculus</i> | | 805728 |
| | | | <i>Scyliorhinus stellaris</i> | | 805728 |

| Squalidae | 805728 | Geographic variation | 805082 | Circulatory system (continued) |
|--------------------------------|--------|------------------------------------|--------|-----------------------------------|
| | | Biochemistry | | |
| <i>Squalus acanthias</i> | | Clupeidae | | |
| Acipenseromorpha | | <i>Clupea harengus</i> | | |
| <i>Acipenser ruthenus</i> | 805728 | Polymorphism | | |
| Bleniidae | | Biochemistry | | |
| <i>Blenius tentaculatus</i> | 805728 | Petromyzontomorpha | | Blood and lymph |
| Gobiidae | | <i>Lampetra fluviatilis</i> | 806517 | |
| <i>Gobius paganellus</i> | 805728 | Teleostei | 805895 | |
| Labridae | 805728 | Gasterosteidae | | |
| Mugiloidae | | <i>Gasterosteus aculeatus</i> | 805929 | |
| <i>Mugil labeo</i> | 805728 | | 807022 | |
| Carangidae | | <i>Pungitius pungitius</i> | 805929 | |
| <i>Lichia amia</i> | 805728 | Gobiidae | | |
| Emmichthyidae | | <i>Gobius fluviatilis</i> | 807142 | |
| <i>Maena macna</i> | 805728 | Pleuronectidae | | |
| Mullidae | | <i>Platichthys flesus</i> | 805895 | |
| <i>Mullus barbatus</i> | 805728 | <i>Pleuronectes platessa</i> | 805895 | |
| Percidae | | Cottidae | | |
| <i>Stizostedion lucioperca</i> | 805728 | <i>Cottus gobio</i> | 807141 | |
| Pomacentridae | | Cyprinodontidae | 805895 | |
| <i>Chromis chromis</i> | 805728 | Anguillidae | | |
| Sciaenidae | | <i>Anguilla anguilla</i> | 808999 | |
| <i>Corvina nigrata</i> | 805728 | Catostomidae | | |
| Sparidae | 805728 | <i>Catostomus</i> | 807568 | |
| Scombridae | | | 809022 | |
| <i>Scomber scombrus</i> | 805728 | Cyprinidae | | |
| Trachinidae | | <i>Tinca tinca</i> | 804627 | |
| <i>Trachinus draco</i> | 805728 | Ictaluridae | | |
| Uranoscopidae | | <i>Ictalurus</i> | 806551 | |
| <i>Uranoscopus scaber</i> | 805728 | Gadidae | 805913 | |
| Bothidae | | <i>Gadus morhua</i> | 804937 | |
| <i>Lepidorhombus boscii</i> | 805728 | Merlucciidae | | |
| Triglidae | | <i>Merluccius merluccius</i> | 805913 | |
| <i>Trigla lyra</i> | 805728 | Salmonidae | 805895 | |
| Zeidae | | Development | | |
| <i>Zeus faber</i> | 805728 | Salmonidae | | |
| Anguillidae | 805110 | <i>Salmo gairdneri</i> | 803749 | |
| <i>Anguilla anguilla</i> | 805728 | Protein specificity | | |
| Congridae | | Teleostei | 805895 | |
| <i>Conger conger</i> | 805728 | Pleuronectidae | | |
| Cyprinidae | | <i>Platichthys flesus</i> | 805895 | |
| <i>Cyprinus carpio</i> | 805728 | <i>Pleuronectes platessa</i> | 805895 | |
| Siluridae | | Cyprinodontidae | 805895 | |
| <i>Silurus glanis</i> | 805728 | Salmonidae | 805895 | |
| Gadidae | | Inheritance | | |
| <i>Trisopterus capellanus</i> | 805728 | Myximomorpha | 806058 | |
| Moridae | | Petromyzontomorpha | 806058 | |
| <i>Mora moro</i> | 805728 | Elasmobranchii | 806058 | |
| Lophiidae | | Teleostei | 806058 | |
| <i>Lophius budegassa</i> | 805728 | Population genetics | | |
| Esocidae | | Gadidae | | |
| <i>Esox lucius</i> | 805728 | <i>Gadus morhua</i> | 806783 | |
| Nutrition | | Geographic variation | | |
| Experimental analysis | | Catostomidae | | |
| Salmonidae | | <i>Catostomus</i> | 807568 | |
| <i>Oncorhynchus keta</i> | 807681 | Migrations | | |
| Young | | Gasterosteidae | | |
| Salmonidae | | <i>Gasterosteus aculeatus</i> | 805929 | |
| <i>Oncorhynchus keta</i> | 807681 | Vertical distribution | | |
| Captive vs natural fishes | | Biochemistry | | |
| Salmonidae | | Gadidae | | |
| <i>Salmo gairdneri</i> | 807827 | <i>Gadus morhua</i> | 805090 | |
| Vitamin requirements | | Temperature | | |
| Experimental analysis | | Experimental analysis | | |
| Salmonidae | | Cyprinodontidae | | |
| <i>Salvelinus fontinalis</i> | 808863 | <i>Fundulus heteroclitus</i> | 805400 | |
| Starvation | | Radioactivity | | |
| Experimental analysis | | Experimental analysis | | |
| Cyprinidae | | Cobitidae | | |
| <i>Cyprinus carpio</i> | 807933 | <i>Misgurnus fossilis</i> | 807728 | |
| Population genetics | | Seasonal changes | | |
| Biochemistry | | Mugiloidae | | |
| Engraulidae | | <i>Mugil cephalus</i> | 809044 | |
| <i>Engraulis encrasicolus</i> | 807680 | Stress reactions | | |
| Geographic variation | | Experimental analysis | | |
| Engraulidae | | Salmonidae | | |
| <i>Engraulis encrasicolus</i> | 807680 | <i>Salvelinus fontinalis</i> | 807457 | |
| Intraspecific variation | | Blood collection | | |
| Biochemistry | | Salmonidae | | |
| Cichlidae | | <i>Salvelinus fontinalis</i> | 807457 | |
| <i>Tilapia leucosticta</i> | 808974 | Biochemical techniques | | |
| <i>Tilapia zilli</i> | 808974 | Teleostei | 806620 | |
| Scombridae | | Electrophoresis | | |
| <i>Euthynnus pelamis</i> | 805002 | Biochemistry | | |
| <i>Thunnus alalunga</i> | 805002 | Sciaenidae | | |
| <i>Thunnus albacares</i> | 805002 | <i>Pseudotolithus senegalensis</i> | 806748 | |
| <i>Thunnus obesus</i> | 805002 | <i>Pseudotolithus typus</i> | 806748 | |
| <i>Thunnus thynnus</i> | 805002 | Vitamin-A | | |
| Polymorphism | | Experimental analysis | | |
| Scombridae | | Salmonidae | | |
| <i>Thunnus alalunga</i> | 805002 | <i>Salvelinus fontinalis</i> | 808851 | |
| <i>Thunnus thynnus</i> | 805002 | | | |

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|-----------------------------------|----------------------------------|--------|---------------------------------|--------|
| Circulatory system (continued) | Vitamin-E | | Clupeidae | |
| | Experimental analysis | | <i>Clupea harengus</i> | 805261 |
| Immunity | Salmonidae | | Polymorphism | |
| | <i>Salvelinus fontinalis</i> | 808851 | Salmonidae | |
| | Serum transferin | | <i>Salmo salar</i> | 804748 |
| | Polymorphism | | Biochemistry | |
| | Biochemistry | | Acipenseromorpha | |
| | Petromyzontomorpha | | <i>Acipenser baeri</i> | 806403 |
| | <i>Petromyzon marinus</i> | 804585 | Poeciliidae | |
| | Salmonidae | | <i>Poecilia</i> | 806268 |
| | <i>Salvelinus fontinalis</i> | 806994 | <i>Poecilia mexicana</i> | 806268 |
| | Inheritance | | Clupeidae | |
| | Teleostei | 806058 | <i>Clupea harengus</i> | 805082 |
| | Population genetics | | Inheritance | |
| | Cichlidae | | Petromyzontomorpha | 806058 |
| | <i>Tilapia macrochir</i> | 804358 | Acipenseromorpha | 806058 |
| | <i>Tilapia melanopleura</i> | 804358 | Teleostei | 806058 |
| | Pleuronectidae | | Clupeidae | |
| | <i>Hippoglossus stenolepis</i> | 807497 | <i>Clupea harengus</i> | 805082 |
| | Merlucciidae | | Populations | |
| | <i>Merluccius productus</i> | 807555 | Acipenseromorpha | |
| | Serum esterase | | <i>Acipenser baeri</i> | 806403 |
| | Cottidae | 806257 | Clupeidae | |
| | Polymorphism | | <i>Clupea harengus</i> | 805082 |
| | Biochemistry | | Salinity | |
| | Clupeidae | | Experimental analysis | |
| | <i>Clupea harengus</i> | 805912 | Cyprinodontidae | |
| | <i>Sprattus sprattus</i> | 805912 | <i>Fundulus heteroclitus</i> | 807037 |
| | Inheritance | | Seasonal changes | |
| | Teleostei | 806058 | Biochemistry | |
| | Population genetics | | Scorpenidae | |
| | Cichlidae | | <i>Sebastes marmoratus</i> | 806579 |
| | <i>Tilapia macrochir</i> | 804358 | Biochemical sex differences | |
| | <i>Tilapia melanopleura</i> | 804358 | Scorpenidae | |
| | Percidae | | <i>Sebastes marmoratus</i> | 806579 |
| | <i>Gymnocephalus cernuus</i> | 807510 | Reticuloendothelial system | |
| | Scombridae | | Experimental analysis | |
| | <i>Euthynnus pelamis</i> | 807619 | Petromyzontomorpha | |
| | Catostomidae | | <i>Petromyzon marinus</i> | 803688 |
| | <i>Catostomus clarki</i> | 809022 | Acipenseromorpha | |
| | <i>Catostomus plebius</i> | 809022 | <i>Polyodon spathula</i> | 803688 |
| | Cyprinidae | | Immunological reactions | |
| | <i>Blicca bjoerkna</i> | 807510 | Salmonidae | |
| | Clinal variation | | <i>Salmo gairdneri</i> | 803630 |
| | Catostomidae | | Biochemistry | |
| | <i>Catostomus clarki</i> | 808761 | Dipnoi | |
| | Serum proteins | | <i>Neoceratodus forsteri</i> | 806574 |
| | Carcharhinidae | | Function | |
| | <i>Carcharhinus leucas</i> | 803628 | Descriptive evolution | |
| | Belontiidae | | Myxiniomorpha | 806606 |
| | <i>Trichogaster trichopterus</i> | 804890 | Petromyzontomorpha | 806606 |
| | Cottidae | 806257 | Elasmobranchii | 806606 |
| | Cyprinidae | | Teleostei | 806606 |
| | <i>Cyprinus carpio</i> | 808433 | Experimental analysis | |
| | Biochemistry | | Petromyzontomorpha | |
| | Development | | <i>Lampetra fluviatilis</i> | 803766 |
| | Chimaeromorpha | | Carcharhinidae | |
| | <i>Chimaera monstrosa</i> | 805135 | <i>Negaprion brevirostris</i> | 803960 |
| | Protein specificity | | | 804202 |
| | Biochemistry | | Orectolobidae | |
| | Cichlidae | | <i>Ginglymostoma cirratum</i> | 804817 |
| | <i>Tilapia leucosticta</i> | 808974 | Squalidae | |
| | <i>Tilapia zilli</i> | 808974 | <i>Squalus acanthias</i> | 806802 |
| | Catostomidae | 809022 | Semionotomorpha | |
| | Immunological analysis | | <i>Lepisosteus platyrhincus</i> | 806669 |
| | Biochemistry | | Cyprinidae | |
| | Acipenseromorpha | | <i>Carassius auratus</i> | 806862 |
| | <i>Acipenser ruthenus</i> | 807066 | <i>Nocomis biguttatus</i> | 806862 |
| | Salmonidae | | <i>Notemigonus crysoleucas</i> | 806862 |
| | <i>Salmo gairdneri</i> | 806843 | Biochemical blood constituents | |
| | <i>Salmo trutta</i> | 806843 | Petromyzontomorpha | |
| | <i>Salvelinus fontinalis</i> | 806843 | <i>Petromyzon marinus</i> | 803691 |
| | Biochemical sex differences | | Digenea | |
| | Age at maturity | | Centrarchidae | |
| | Salmonidae | | <i>Lepomis macrochirus</i> | 807628 |
| | <i>Oncorhynchus tshawytscha</i> | 807777 | Larva | |
| | Change with age | | Petromyzontomorpha | 805482 |
| | Immunological analysis | | Senescence | |
| | Petromyzontomorpha | | Effect on fish | |
| | <i>Petromyzon marinus</i> | 804585 | Cyprinodontidae | |
| | Intraspecific variation | | <i>Cynolebias bellotti</i> | 804135 |
| | Biochemistry | | Change with age | |
| | Cichlidae | | Biochemistry | |
| | <i>Tilapia leucosticta</i> | 808974 | Orectolobidae | |
| | <i>Tilapia zilli</i> | 808974 | <i>Ginglymostoma cirratum</i> | 808945 |
| | Ecotypes | | Experimental analysis | |
| | Salmonidae | | Poeciliidae | |
| | <i>Coregonus lavaretus</i> | 807655 | <i>Xiphophorus helleri</i> | 809047 |
| | <i>Salmo salar</i> | 807655 | Temperature | |
| | Seasonal changes | | Lutjanidae | 803689 |
| | Salmonidae | | Experimental analysis | |
| | <i>Salmo trutta</i> | 807655 | Cyprinidae | |
| | Geographic variation | | <i>Cyprinus carpio</i> | 806113 |
| | Immunological analysis | | | |

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|----------------------------------|--------|------------------------------------|--------|-----------------------------------|
| Cestoda | | Urophysis | | Circulatory system (continued) |
| Experimental analysis | | Experimental analysis | | |
| Gasterosteidae | | Anguillidae | | |
| <i>Pungitius pungitius</i> | 804458 | <i>Anguilla anguilla</i> | 805223 | |
| Cyprinidae | | Neuroendocrine substances | | |
| <i>Leuciscus leuciscus</i> | 804365 | Experimental analysis | | Digestive system |
| Infectious pancreatic necrosis | | Anguillidae | | |
| Experimental analysis | | <i>Anguilla anguilla</i> | 805163 | |
| Belontiidae | | | 805224 | |
| <i>Trichogaster trichopterus</i> | 804890 | Adrenaline | | |
| Salmonidae | | Experimental analysis | | |
| <i>Salmo gairdneri</i> | 807506 | Carcharinidae | | |
| <i>Salvelinus fontinalis</i> | 807506 | <i>Negaprion brevirostris</i> | 808757 | |
| Bacterial diseases | | Orectolobidae | | |
| Experimental analysis | | <i>Ginglymostoma cirratum</i> | 808757 | |
| Anguillidae | | Anguillidae | | |
| <i>Anguilla japonica</i> | 805491 | <i>Anguilla anguilla</i> | 805163 | |
| Temperature | | Corpuscles of Stannius | | |
| Anguillidae | | Experimental analysis | | |
| <i>Anguilla japonica</i> | 805491 | Anguillidae | | |
| In vitro techniques | | <i>Anguilla anguilla</i> | 806299 | |
| Lutjanidae | 803689 | 809075 | | |
| Immunological analysis | | Venous system | | |
| Scombridae | | Heterodontiformes | | |
| <i>Thunnus thynnus</i> | 805901 | <i>Heterodontus portusjacksoni</i> | 804779 | |
| Cyprinidae | | Heart nerve supply | | |
| <i>Cyprinus carpio</i> | 803693 | Experimental analysis | | |
| LDH isoenzymes | | Squalidae | | |
| Salmonidae | | <i>Squalus acanthias</i> | 806805 | |
| <i>Salmo gairdneri</i> | 805046 | Carbon dioxide | | |
| Corticotroph | | Squalidae | | |
| Prolactin cell | | <i>Squalus acanthias</i> | 806805 | |
| Salmonidae | | Intestine | | |
| <i>Oncorhynchus nerka</i> | 807456 | Experimental analysis | | |
| Biochemical blood constituents | | Squalidae | | |
| Anguillidae | | <i>Squalus acanthias</i> | 806796 | |
| <i>Anguilla anguilla</i> | 804241 | Exercise | | |
| Ictaluridae | 808710 | Experimental analysis | | |
| Polymorphism | | Salmonidae | | |
| Salmonidae | | <i>Salmo gairdneri</i> | 806857 | |
| Serum proteins | | Temperature | | |
| <i>Oncorhynchus nerka</i> | 806081 | Experimental analysis | | |
| Relationships | | Salmonidae | | |
| Clupeidae | 805261 | <i>Salvelinus fontinalis</i> | 803751 | |
| Temperature | | Salinity | | |
| Semionotomorpha | | Experimental analysis | | |
| <i>Lepisosteus platyrhincus</i> | 803692 | Anguillidae | | |
| Infectious pancreatic necrosis | | <i>Anguilla anguilla</i> | 803819 | |
| Salmonidae | 807552 | Surgical techniques | | |
| Immunization techniques | | Teleostei | 806620 | |
| Salmonidae | 806081 | Radioactive tracers | | |
| Prophylactic treatment | | Experimental analysis | | |
| Cyprinidae | | Salmonidae | | |
| <i>Cyprinus carpio</i> | 806113 | <i>Salmo gairdneri</i> | 804446 | |
| Tissue transplantation | | Gas transport by blood | | |
| Radioactivity | | Carcharinidae | | |
| Experimental analysis | | <i>Carcharhinus longimanus</i> | 806664 | |
| Cyprinidae | | Channichthyidae | | |
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| | <i>Coregonus lavaretus</i> | 807321 | <i>Cyprinus carpio</i> | 808245 |
| | Histology | | Stress reactions | |
| | Scombridae | | Cyprinidae | |
| | <i>Scomberomorus maculatus</i> | 808339 | <i>Cyprinus carpio</i> | 808245 |
| | Histology | | Lipid and fatty acid content | |
| | Abnormality | | Anatomy | |
| | Cottidae | | Cyprinidae | |
| | <i>Myoxocephalus scorpius</i> | 807963 | <i>Abramis brama</i> | 805658 |
| | Experimental analysis | | Histology | |
| | Poeciliidae | | Scyllorhinidae | |
| | <i>Poecilia reticulata</i> | 806867 | <i>Scyllorhinus caniculus</i> | 807331 |
| | Starvation | | Squalidae | 807331 |
| | Cottidae | | Biochemistry | |
| | <i>Myoxocephalus scorpius</i> | 807963 | Chimaeromorpha | |
| | Feeding | | <i>Hydrolagus colliei</i> | 804515 |
| | <i>Myoxocephalus scorpius</i> | 807963 | Carcharhinidae | |
| | Ultrastructure | | <i>Carcharhinus leucas</i> | 806615 |
| | Biochemistry | | <i>Galeocerdo cuvieri</i> | 806615 |
| | Prochilodontidae | | <i>Galeus melastomus</i> | 804721 |
| | <i>Prochilodus argenteus</i> | 805811 | <i>Triakis scyllia</i> | 807286 |
| | Oxygen consumption | | Cetorhinidae | |
| | Prochilodontidae | | <i>Cetorhinus maximus</i> | 804781 |
| | <i>Prochilodus argenteus</i> | 805811 | | 807286 |
| | Biochemistry | | Oreotolobidae | |
| | Salmonidae | | <i>Ginglymostoma cirratum</i> | 806615 |
| | <i>Oncorhynchus kisutch</i> | 803539 | Scyllorhinidae | |
| | <i>Salmo gairdneri</i> | 803539 | <i>Apristurus macrorhynchus</i> | 807286 |
| | Mineral content | | <i>Scyllorhinus caniculus</i> | 804721 |
| | Carangidae | | Squalidae | 807331 |
| | <i>Trachurus japonicus</i> | 806577 | <i>Centrophorus</i> | 807286 |
| | Scombridae | | <i>Centrophorus jonsi</i> | 804721 |
| | <i>Euthynnus pelamis</i> | 806577 | <i>Centrophorus squamosus</i> | 804721 |
| | <i>Scomber japonicus</i> | 806577 | <i>Centroscyllium ritteri</i> | 807286 |
| | Sphyranoidei | | <i>Dalatias licha</i> | 805001 |
| | <i>Sphyrna japonica</i> | 806577 | <i>Squalus acanthias</i> | 807286 |
| | Pleuronectidae | | Leignathidae | |
| | <i>Limanda herzensteini</i> | 806577 | <i>Leignathus splendens</i> | 804282 |
| | Cyprinidae | | Percidae | |
| | <i>Cyprinus carpio</i> | 806577 | <i>Perca fluviatilis</i> | 808223 |
| | In vitro techniques | | Gempylidae | |
| | Batrachoidiformes | | <i>Ruvettus pretiosus</i> | 807946 |
| | <i>Opsanus tau</i> | 803584 | Scorpaenidae | |
| | Lactate dehydrogenase | | <i>Scorpaena porcus</i> | 807722 |
| | Rajidae | | Clupeidae | |
| | <i>Raja clavata</i> | 803619 | <i>Clupea harengus</i> | 804781 |
| | Scyllorhinidae | | Cyprinidae | |
| | <i>Scyllorhinus caniculus</i> | 803619 | <i>Abramis brama</i> | 805658 |
| | Ammodytidae | | <i>Rutilus rutilus</i> | 808223 |
| | <i>Ammodytes</i> | 803619 | Gadidae | |
| | Callionymoidae | | <i>Eleginus navaga</i> | 803874 |
| | <i>Callionymus lyra</i> | 803619 | | 807721 |
| | Gobiidae | | <i>Gadus morhua</i> | 803874 |
| | <i>Gobius paganellus</i> | 803619 | Salmonidae | |
| | Sparidae | | <i>Oncorhynchus nerka</i> | 807762 |
| | <i>Pagellus bogaraveo</i> | 803619 | | 808946 |
| | <i>Spondylisoma cantharus</i> | 803619 | <i>Salmo trutta</i> | 805714 |
| | Scombridae | | Experimental analysis | |
| | <i>Scomber scombrus</i> | 803619 | Salmonidae | |
| | Bothidae | 803619 | <i>Salmo trutta</i> | 808864 |
| | Pleuronectidae | 803619 | <i>Salvelinus fontinalis</i> | 808846 |
| | Soledidae | 803619 | | |

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| Change with age | | | Biochemical sex differences | | | Digestive system |
| Gadidae | | | Pleuronectidae | | | (continued) |
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| <i>Gadus morhua</i> | 803874 | | Starvation | | | |
| Seasonal changes | | | Cyprinidae | | | |
| Leiognathidae | | | <i>Cyprinus carpio</i> | 805240 | | Liver |
| <i>Leiognathus splendens</i> | 804282 | | Seasonal changes | | | |
| Cyprinidae | | | Salmonidae | | | |
| <i>Abramis brama</i> | 805658 | | <i>Oncorhynchus nerka</i> | 805939 | | |
| Gadidae | | | | 805940 | | |
| <i>Eleginus navaga</i> | 807721 | | Migrations | | | |
| Salmonidae | | | Salmonidae | | | |
| <i>Salmo trutta</i> | 805714 | | <i>Oncorhynchus gorbusha</i> | 807654 | | |
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| Torpedinidae | | | Biochemistry | | | |
| <i>Torpedo nobiliana</i> | 804531 | | Pleuronectidae | | | |
| Cetorhinidae | | | <i>Limanda aspera</i> | 807280 | | |
| <i>Cetorhinus maximus</i> | 807331 | | Cyprinidae | | | |
| Scyliorhinidae | | | <i>Carassius auratus</i> | 804957 | | |
| <i>Scyliorhinus caniculus</i> | 807331 | | Salmonidae | | | |
| Squalidae | 807331 | | <i>Oncorhynchus nerka</i> | 805939 | | |
| Migrations | | | <i>Salmo gairdneri</i> | 804957 | | |
| Salmonidae | | | Experimental analysis | | | |
| <i>Oncorhynchus nerka</i> | 808946 | | Cyprinidae | | | |
| Carbohydrate content | | | <i>Cyprinus carpio</i> | 805240 | | |
| Anatomy | | | Ictaluridae | | | |
| Cyprinidae | | | <i>Ictalurus punctatus</i> | 807081 | | |
| <i>Abramis brama</i> | 805658 | | Starvation | | | |
| Biochemistry | | | Cyprinidae | | | |
| Anabantidae | | | <i>Cyprinus carpio</i> | 805240 | | |
| <i>Anabas scandens</i> | 806696 | | Seasonal changes | | | |
| Cyprinidae | | | Salmonidae | | | |
| <i>Abramis brama</i> | 805658 | | <i>Oncorhynchus nerka</i> | 805939 | | |
| Seasonal changes | | | Migrations | | | |
| Anabantidae | | | Salmonidae | | | |
| <i>Anabas scandens</i> | 806696 | | <i>Oncorhynchus gorbusha</i> | 807654 | | |
| Cyprinidae | | | | | | |
| <i>Abramis brama</i> | 805658 | | Enzymology | | | |
| Glucose content | | | Biochemistry | | | |
| Experimental analysis | | | Carcharhinidae | | | |
| Batrachoidiformes | | | <i>Triakis scyllia</i> | 805508 | | |
| <i>Opsanus tau</i> | 805028 | | Carangidae | | | |
| Glycogen content | | | <i>Seriola quinqueradiata</i> | 805508 | | |
| Biochemistry | | | Serranidae | | | |
| Cyprinidae | | | <i>Lateolabrax japonicus</i> | 805508 | | |
| <i>Cyprinus carpio</i> | 808247 | | Scombridae | | | |
| Experimental analysis | | | <i>Euthynnus pelamis</i> | 805508 | | |
| Salmonidae | | | Balistidae | | | |
| <i>Salmo trutta</i> | 808845 | | <i>Monacanthus tomentosus</i> | 805508 | | |
| | 808858 | | Tetraodontidae | | | |
| Pesticide content | | | <i>Fugu pardalis</i> | 805508 | | |
| Biochemistry | | | Poeciliidae | 803752 | | |
| Gadidae | | | Clupeidae | | | |
| <i>Gadus morhua</i> | 806936 | | <i>Clupea harengus</i> | 804126 | | |
| Esocidae | | | Congridae | | | |
| <i>Esox lucius</i> | 806936 | | <i>Astroconger myriaster</i> | 805508 | | |
| Poison content | | | Muraenidae | | | |
| Biochemistry | | | <i>Gymnothorax hidako</i> | 805508 | | |
| Lutjanidae | | | Cyprinidae | | | |
| <i>Lutjanus bohar</i> | 804122 | | <i>Catla catla</i> | 804834 | | |
| Serranidae | | | <i>Cirrhina mrigala</i> | 804834 | | |
| <i>Epinephelus fuscoguttatus</i> | 804122 | | <i>Cyprinus carpio</i> | 805219 | | |
| Balistidae | | | | 805508 | | |
| <i>Aluterus scriptus</i> | 805434 | | <i>Labeo rohita</i> | 804834 | | |
| Muraenidae | | | Experimental analysis | | | |
| <i>Gymnothorax</i> | 805649 | | Ictaluridae | | | |
| <i>Gymnothorax flavimarginatus</i> | 804122 | | <i>Ictalurus punctatus</i> | 807081 | | |
| <i>Gymnothorax melegrus</i> | 804122 | | Tyrosine metabolism | | | |
| <i>Gymnothorax undulatus</i> | 804122 | | Biochemistry | | | |
| Biochemical sex differences | | | Cyprinidae | 808957 | | |
| Tetraodontidae | | | Salmonidae | | | |
| <i>Sphoeroides pardalis</i> | 804625 | | <i>Salmo trutta</i> | 808957 | | |
| Change with age | | | Descriptive evolution | | | |
| Tetraodontidae | | | Cyprinidae | 808957 | | |
| <i>Sphoeroides pardalis</i> | 804625 | | Salmonidae | | | |
| Protein synthesis | | | <i>Salmo trutta</i> | 808957 | | |
| Biochemistry | | | | | | |
| Batrachoidiformes | | | ATP ase content and function | | | |
| <i>Opsanus tau</i> | 803755 | | Ultrastructure | | | |
| Salmonidae | | | Prochilodontidae | | | |
| <i>Salmo gairdneri</i> | 803965 | | <i>Prochilodus argenteus</i> | 805812 | | |
| DNA content and function | | | Biochemistry | | | |
| Biochemistry | | | Centrarchidae | | | |
| Pleuronectidae | | | <i>Lepomis macrochirus</i> | 804795 | | |
| <i>Limanda aspera</i> | 807280 | | Prochilodontidae | | | |
| Salmonidae | | | <i>Prochilodus argenteus</i> | 805812 | | |
| <i>Oncorhynchus nerka</i> | 805939 | | LDH isoenzymes | | | |
| | 805940 | | Biochemistry | | | |
| Experimental analysis | | | Gadidae | | | |
| Cyprinidae | | | <i>Gadus morhua</i> | 804449 | | |
| <i>Cyprinus carpio</i> | 805240 | | Merlucciidae | | | |
| Ictaluridae | | | <i>Merluccius productus</i> | 805262 | | |
| <i>Ictalurus punctatus</i> | 807081 | | | | | |

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| Digestive system (continued) | Salmonidae | | | Cyprinidae | |
| | <i>Salmo gairdneri</i> | 805046 | | <i>Cyprinus carpio</i> | 805808 |
| Liver | <i>Salvelinus fontinalis</i> | 805046 | | Enzymology | 803752 |
| | <i>Salvelinus namaycush</i> | 806979 | | Poeciliidae | 808941 |
| Intermediate metabolism | Biochemistry | | | Pigments | |
| | Mugiloidae | | | Histology | |
| Enzymology | <i>Mugil</i> | 808146 | | Prochilodontidae | |
| | Mugiloidae | | | <i>Prochilodus scrofa</i> | 805651 |
| Oxidative metabolism | <i>Mugil</i> | 808146 | | Cyprinidae | |
| | Biochemistry | | | <i>Cyprinus carpio</i> | 805651 |
| Petromyzontomorpha | <i>Lampetra fluviatilis</i> | 803642 | | Pimelodontidae | |
| | Experimental analysis | | | <i>Pimelodus maculatus</i> | 805651 |
| Rajidae | <i>Raja erinacea</i> | 805033 | | Pigment chemistry | |
| | Squalidae | | | Biochemistry | |
| Thyroid hormone | <i>Squalus acanthias</i> | 806949 | | Amiomorpha | |
| | Squalidae | | | <i>Amia calva</i> | 803724 |
| Carbohydrate metabolism | <i>Squalus acanthias</i> | 806949 | | Semionotomorpha | |
| | Enzymology | | | <i>Lepisosteus osseus</i> | 803724 |
| Cyprinidae | <i>Cyprinus carpio</i> | 808943 | | Cyprinidae | |
| | <i>Tinca tinca</i> | 808943 | | <i>Cyprinus carpio</i> | 803724 |
| Nitrogen metabolism | Biochemistry | | | Thyroid hormone | |
| | Scyliorhinidae | | | Biochemistry | |
| Scyliorhinidae | <i>Scyliorhinus caniculus</i> | 803754 | | Acipenseromorpha | |
| | Dipnoi | | | <i>Acipenser gueldenstaedti</i> | 807703 |
| Protopterus aethiopicus | <i>Protopterus aethiopicus</i> | 803754 | | Experimental analysis | |
| | Acipenseromorpha | | | Acipenseromorpha | |
| Polyodon spathula | <i>Polyodon spathula</i> | 803753 | | <i>Acipenser gueldenstaedti</i> | 807703 |
| | <i>Scaphirhynchus platyrhynchus</i> | 803753 | | Poeciliidae | |
| Semionotomorpha | <i>Lepisosteus platostomus</i> | 803753 | | <i>Poecilia reticulata</i> | 806867 |
| | | 804028 | | Salmonidae | |
| Centrarchidae | <i>Ambloplites rupestris</i> | 803753 | | <i>Salmo salar</i> | 803591 |
| | <i>Pomoxis annularis</i> | 804028 | | Biochemical blood constituents | |
| Mullidae | <i>Mullus barbatus</i> | 803754 | | Experimental analysis | |
| | Percidae | | | Anguillidae | |
| Perca fluviatilis | <i>Stizostedion canadense</i> | 803753 | | <i>Anguilla japonica</i> | 805501 |
| | <i>Stizostedion vitreum</i> | 803753 | | Glucose content | |
| Sciaenidae | <i>Aplodinotus grunniens</i> | 803753 | | Anguillidae | |
| | | 804028 | | <i>Anguilla japonica</i> | 805501 |
| Serranidae | <i>Morone chrysops</i> | 803753 | | Androgens | |
| | Soleidae | | | Experimental analysis | |
| Clupeidae | <i>Solea solea</i> | 803754 | | Poeciliidae | |
| | <i>Clupea harengus</i> | 803753 | | <i>Poecilia reticulata</i> | 806867 |
| Anguillidae | <i>Dorosoma cepedianum</i> | 803754 | | Larva | |
| | Catostomidae | | | Biochemistry | |
| Cyprinidae | <i>Anguilla anguilla</i> | 803754 | | Petromyzontomorpha | |
| | <i>Cyprinus carpio</i> | 804028 | | <i>Lampetra fluviatilis</i> | 803642 |
| Ictaluridae | <i>Ictalurus punctatus</i> | 803753 | | Change with age | |
| | | 804028 | | Ultrastructure | |
| Pylodictis olivaris | <i>Pylodictis olivaris</i> | 803754 | | Salmonidae | |
| | Siluridae | | | <i>Oncorhynchus gorbuscha</i> | 805393 |
| Hiodontidae | <i>Silurus glanis</i> | 803754 | | <i>Salvelinus leucomaenis</i> | 805393 |
| | <i>Hiodon alosoides</i> | 804028 | | RNA content and function | |
| Gadidae | <i>Gadus morhua</i> | 803754 | | Salmonidae | |
| | <i>Merlangius merlangus</i> | 803754 | | <i>Oncorhynchus gorbuscha</i> | 805393 |
| Esocidae | <i>Esox lucius</i> | 804028 | | <i>Salvelinus leucomaenis</i> | 805393 |
| Salmonidae | <i>Coregonus artedii</i> | 804028 | | Starvation | |
| | <i>Salmo gairdneri</i> | 803754 | | Biochemistry | |
| Experimental analysis | <i>Salmo salar</i> | 803754 | | Cichlidae | |
| | Cyprinidae | | | <i>Tilapia mossambica</i> | 803723 |
| Lipid metabolism | <i>Cyprinus carpio</i> | 803759 | | Experimental analysis | |
| | Biochemistry | | | Clariidae | |
| Poeciliidae | | 808941 | | <i>Clarias batrachus</i> | 806692 |
| | | | | Temperature | |
| | | | | Biochemistry | |
| | | | | Dipnoi | |
| | | | | <i>Lepidosiren paradoxa</i> | 803973 |
| | | | | Salmonidae | |
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| | | | | Radioactivity | |
| | | | | Biochemistry | |
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| | | | | Abnormality | |
| | | | | Centrarchidae | |
| | | | | <i>Lepomis macrochirus</i> | 804299 |
| | | | | Seasonal changes | |
| | | | | Gadidae | |
| | | | | <i>Lota lota</i> | 806834 |
| | | | | Biochemistry | |
| | | | | Scorpaenidae | |
| | | | | <i>Scorpaena porcus</i> | 807722 |
| | | | | Experimental analysis | |
| | | | | Cyprinodontidae | |
| | | | | <i>Fundulus heteroclitus</i> | 805400 |
| | | | | Protein content | |
| | | | | Siluridae | |
| | | | | <i>Wallagonia attu</i> | 804393 |
| | | | | Lipid and fatty acid content | |
| | | | | Siluridae | |
| | | | | <i>Wallagonia attu</i> | 804393 |

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| Lipid metabolism | | Beta galactosidase | | Digestive system |
| Agonidae | | Enzymology | | (continued) |
| <i>Agonus cataphractus</i> | 807955 | Experimental analysis | | |
| Hydrostatics | | Salmonidae | | |
| Biochemistry | | <i>Oncorhynchus gorbuscha</i> | 808767 | |
| Dasyatiidae | | Temperature | | |
| <i>Dasyatis pastinaca</i> | 805404 | Salmonidae | | Liver |
| Rajidae | 805404 | <i>Oncorhynchus gorbuscha</i> | 808767 | |
| Torpedinidae | | Cholesterol | | |
| <i>Torpedo marmorata</i> | 805404 | Intermediary metabolism | | |
| <i>Torpedo nobiliana</i> | 805404 | Biochemistry | | |
| Carcharhinidae | 805404 | Cyprinidae | | |
| Cetorhinidae | | <i>Carassius auratus</i> | 806075 | |
| <i>Cetorhinus maximus</i> | 805404 | Salmonidae | | |
| Isuridae | | <i>Salmo gairdneri</i> | 806075 | |
| <i>Lamna nasus</i> | 805404 | Digestive enzymes | | |
| Scyliorhinidae | 805404 | Enzymology | | |
| Dalatidae | | Biochemistry | | |
| <i>Dalatias licha</i> | 805404 | Serranidae | | |
| Squalidae | | <i>Epinephelus tauvina</i> | 807166 | |
| <i>Squalus acanthias</i> | 805404 | Ethanol | | |
| Squatinae | | Ultrastructure | | |
| <i>Squatina squatina</i> | 805404 | Cyprinidae | | |
| Change with age | | <i>Carassius auratus</i> | 803685 | |
| Squalidae | | Experimental analysis | | |
| <i>Squalus acanthias</i> | 807979 | Cyprinidae | | |
| Migrations | | <i>Carassius auratus</i> | 803685 | |
| Histology | | Galactosidase | | |
| Salmonidae | | Enzymology | | |
| <i>Oncorhynchus keta</i> | 804119 | Biochemistry | | |
| Experimental analysis | | Salmonidae | | |
| Salmonidae | | <i>Salmo gairdneri</i> | 805495 | |
| <i>Oncorhynchus gorbuscha</i> | 804730 | | 805496 | |
| Change with age | | Experimental analysis | | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus gorbuscha</i> | 804730 | <i>Salmo gairdneri</i> | 805496 | |
| Genetic disease resistance | | Isoenzymes | | |
| Artificial selection | | Biochemistry | | |
| Salmonidae | | Salmonidae | | |
| <i>Salmo gairdneri</i> | 808237 | <i>Salmo gairdneri</i> | 805506 | |
| Virus diseases | | Experimental analysis | | |
| Abnormality | | Salmonidae | | |
| Salmonidae | | <i>Salmo gairdneri</i> | 805506 | |
| <i>Oncorhynchus nerka</i> | 807882 | Glucose-6-phosphate dehydrogenase | | |
| Heavy metal pollutants | | Enzymology | | |
| Histology | | Biochemistry | | |
| Pleuronectidae | | Salmonidae | | |
| <i>Pseudopleuronectes americanus</i> | 807524 | <i>Salmo gairdneri</i> | 807544 | |
| Abnormality | | Experimental analysis | | |
| Pleuronectidae | | Salmonidae | | |
| <i>Pseudopleuronectes americanus</i> | 807524 | <i>Salmo gairdneri</i> | 807544 | |
| Herbicide pollutants | | Glucosidase | | |
| Abnormality | | Enzymology | | |
| Centrarchidae | | Biochemistry | | |
| <i>Lepomis microlophus</i> | 807781 | Scombridae | | |
| Amine oxidase | | <i>Euthynnus pelamis</i> | 805505 | |
| Enzymology | | Glutamine synthetase | | |
| Biochemistry | | Enzymology | | |
| Myxiniomorpha | | Biochemistry | | |
| <i>Myxine glutinosa</i> | 805210 | Squalidae | | |
| Petromyzontomorpha | | <i>Squalus acanthias</i> | 808942 | |
| <i>Petromyzon marinus</i> | 805210 | Cottidae | | |
| Descriptive evolution | | <i>Myoxocephalus scorpius</i> | 808942 | |
| Myxiniomorpha | | Anguillidae | | |
| <i>Myxine glutinosa</i> | 805210 | <i>Anguilla rostrata</i> | 808942 | |
| Petromyzontomorpha | | Nitrogen metabolism | | |
| <i>Petromyzon marinus</i> | 805210 | Biochemistry | | |
| Arginase | | Squalidae | | |
| Nitrogen metabolism | | <i>Squalus acanthias</i> | 806806 | |
| Biochemistry | | Cottidae | | |
| Acipenseromorpha | | <i>Myoxocephalus scorpius</i> | 806806 | |
| <i>Polyodon spathula</i> | 804584 | Anguillidae | | |
| <i>Scaphirhynchus platyrhynchus</i> | 804584 | <i>Anguilla rostrata</i> | 806806 | |
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| <i>Lepisosteus platostomus</i> | 804584 | Oxidative metabolism | | |
| Centrarchidae | 804584 | Biochemistry | | |
| <i>Perca flavescens</i> | 804584 | Cichlidae | | |
| <i>Stizostedion canadense</i> | 804584 | <i>Tilapia mossambica</i> | 806983 | |
| Serranidae | | Stress reactions | | |
| <i>Morone chrysops</i> | 804584 | Experimental analysis | | |
| Catostomidae | 804584 | Cyprinidae | | |
| Cyprinidae | | <i>Carassius auratus</i> | 807085 | |
| <i>Cyprinus carpio</i> | 804584 | Histamine | | |
| Ictaluridae | | Biochemistry | | |
| <i>Ictalurus punctatus</i> | 804584 | Cyprinidae | | |
| Hiodontidae | | <i>Carassius auratus</i> | 804906 | |
| <i>Hiodon alosoides</i> | 804584 | Histones | | |
| Esocidae | | Histology | | |
| <i>Esox lucius</i> | 804584 | Biochemistry | | |
| Salmonidae | | Salmonidae | | |
| <i>Coregonus artedii</i> | 804584 | <i>Salvelinus fontinalis</i> | 806946 | |

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| Digestive system (continued) | Iron | | Biochemistry | | |
| | Heavy metal pollutants | | Elasmobranchii | | 809065 |
| Excretory system | Abnormality | | Histology | | |
| | Cyprinidae | | Function | | |
| | <i>Carassius auratus</i> | 807952 | Elasmobranchii | | 804095 |
| | Lysosomes | | Torpedinidae | | |
| | Seasonal changes | | <i>Torpedo marmorata</i> | | 804095 |
| | Change with age | | ATP ase content and function | | |
| | Salmonidae | | Biochemistry | | |
| | <i>Oncorhynchus gorbuscha</i> | 804567 | Squalidae | | |
| | Organic phosphates | | <i>Squalus acanthias</i> | | 806803 |
| | Biochemistry | | | | |
| | Salmonidae | | Anus | | |
| | <i>Salmo gairdneri</i> | 807289 | Aplocheilichthys | | |
| | Sorbitol dehydrogenase | | <i>Lovettia seali</i> | | 807632 |
| | Biochemistry | | | | |
| | Cyprinidae | | | | |
| | <i>Carassius auratus</i> | 805256 | Kidney | | |
| | Urea | | Anguillidae | | |
| | Nitrogen metabolism | | <i>Anguilla anguilla</i> | | 803872 |
| | Biochemistry | | Anatomy | | |
| | Squalidae | | Cichlidae | | 805436 |
| Gall bladder | <i>Squalus acanthias</i> | 806804 | Pomacentridae | | |
| | Cottidae | | <i>Abudefduf vaigiensis</i> | | 805436 |
| | <i>Myoxocephalus scorpius</i> | 806804 | Cyprinidae | | |
| | | | <i>Cirrhina reba</i> | | 806711 |
| | Histology | | Histology | | |
| | Cottidae | | Myximomorph | | 809064 |
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| | <i>Taurulus bubalis</i> | 805601 | Petromyzontomorph | | 809064 |
| | | | <i>Lampetra japonica</i> | | 808150 |
| | Bile | | Chimaeromorph | | |
| | Biochemistry | | <i>Hydrolagus collieri</i> | | 809064 |
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| | <i>Carcharhinus leucas</i> | 806615 | Squalidae | | |
| | <i>Galeocerdo cuvieri</i> | 806615 | <i>Squalus acanthias</i> | | 806800 |
| | Orectolobidae | | Dipnoi | | 809064 |
| | <i>Ginglymostoma cirratum</i> | 806615 | <i>Neoceratodus forsteri</i> | | 806765 |
| | Experimental analysis | | Semionotomorph | | |
| | Salmonidae | | <i>Lepisosteus spatula</i> | | 809064 |
| | <i>Salmo gairdneri</i> | 808559 | Teleostei | | 809064 |
| | Descriptive evolution | | Bothidae | | |
| | Myximomorph | 805484 | <i>Paralichthys lethostigma</i> | | 809064 |
| | <i>Myxine glutinosa</i> | 803974 | Cyprinodontidae | | |
| | Petromyzontomorph | 805484 | <i>Fundulus heteroclitus</i> | | 804724 |
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| | Chimaeromorph | 805484 | Squalidae | | |
| | Elasmobranchii | 805484 | <i>Squalus acanthias</i> | | 806800 |
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| | <i>Neoceratodus forsteri</i> | 805484 | Petromyzontomorph | | 809064 |
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| | Amiromorph | | <i>Paralichthys lethostigma</i> | | 809064 |
| | <i>Amia calva</i> | 805484 | Cyprinodontidae | | |
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| | Cyprinidae | 805484 | Histology | | |
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| | Plecoglossidae | 805484 | <i>Pterophyllum eimekei</i> | | 805436 |
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| | Function | | Pomacentridae | | |
| | Mugiloidae | | <i>Abudefduf vaigiensis</i> | | 805436 |
| | <i>Mugil corsula</i> | 805633 | Cyprinodontidae | | |
| | Enzymology | | <i>Cynolebias bellotti</i> | | 808499 |
| | Biochemistry | | Ultrastructure | | |
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| | Experimental analysis | | Carangidae | | |
| | Salmonidae | | <i>Trachurus japonicus</i> | | 806577 |
| | <i>Salmo gairdneri</i> | 808559 | Scombridae | | |
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| | Ammonia | | <i>Scomber japonicus</i> | | 806577 |
| | Experimental analysis | | Sphyracnoidae | | |
| | Cyprinidae | | <i>Sphyracna japonica</i> | | 806577 |
| | <i>Cyprinus carpio</i> | 803759 | Pleuronectidae | | |
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| | Bothidae | 804332 | Cyprinidae | | |
| | Pleuronectidae | 804332 | <i>Cyprinus carpio</i> | | 806577 |
| | Soleidae | 804332 | Glucose content | | |
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| | Anatomy | | Mastacembelidae | | |
| | Histology | | <i>Mastacembelus armatus</i> | | 806376 |
| | Elasmobranchii | 809065 | DNA content and function | | |
| | Ultrastructure | | Biochemistry | | |
| | Elasmobranchii | 809065 | Salmonidae | | |
| | | | <i>Oncorhynchus nerka</i> | | 805939 |

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| Salmonidae | | Ultrastructure | | (continued) |
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| Migrations | | <i>Cymatogaster aggregata</i> | 807196 | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus gorbuscha</i> | 807654 | Embiotocidae | | |
| RNA content and function | | <i>Cymatogaster aggregata</i> | 807196 | |
| Biochemistry | | Urine | | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus nerka</i> | 805939 | Serranidae | | |
| <i>Salmo gairdneri</i> | 804957 | <i>Serranus cabrilla</i> | 805215 | |
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| Salmonidae | | Pleuronectidae | | |
| <i>Oncorhynchus nerka</i> | 805939 | <i>Platichthys flesus</i> | 805215 | |
| Migrations | | Anguillidae | | |
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| Cyprinidae | | Incidence of infection | | |
| <i>Cyprinus carpio</i> | 805219 | Salmonidae | 807803 | |
| ATP use content and function | | Seasonal changes | | |
| Experimental analysis | | Anatomy | | |
| Cyprinodontidae | | Cyprinidae | | |
| <i>Fundulus heteroclitus</i> | 807038 | <i>Cyprinus carpio</i> | 808227 | |
| Salinity | | Neoplastic diseases | | |
| Cyprinodontidae | | Abnormality | | |
| <i>Fundulus heteroclitus</i> | 807038 | Amphipnoidae | | |
| Oxidative metabolism | | <i>Amphipnoides cuchia</i> | 806960 | |
| Experimental analysis | | Stress reactions | | |
| Squalidae | | Anatomy | | |
| <i>Squalus acanthias</i> | 806949 | Cyprinidae | | |
| Thyroid hormone | | <i>Cyprinus carpio</i> | 808227 | |
| Squalidae | | Experimental analysis | | |
| <i>Squalus acanthias</i> | 806949 | Cyprinidae | | |
| Carbohydrate metabolism | | <i>Cyprinus carpio</i> | 808245 | |
| Abnormality | | Virus diseases | | |
| Cottidae | | Abnormality | | |
| <i>Myoxocephalus scorpius</i> | 807963 | Salmonidae | | |
| Steroid metabolism | | <i>Oncorhynchus nerka</i> | 807882 | |
| Biochemistry | | Ichthyophonus disease | | |
| Salmonidae | | Histology | | |
| <i>Salmo gairdneri</i> | 803643 | Poeciliidae | | |
| Biomembranes | | <i>Xiphophorus maculatus</i> | 806848 | |
| Experimental analysis | | Biochemistry | | |
| Cyprinidae | | Poeciliidae | | |
| <i>Carassius auratus</i> | 806053 | <i>Xiphophorus maculatus</i> | 806848 | |
| Ion and water relationships | | Abnormality | | |
| Experimental analysis | | Poeciliidae | | |
| Carangidae | | <i>Xiphophorus maculatus</i> | 806848 | |
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| | 803820 | Pleuronectidae | | |
| Cyprinidae | | <i>Pseudopleuronectes americanus</i> | 807524 | |
| <i>Carassius auratus</i> | 808390 | Herbicide pollutants | | |
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| <i>Oncorhynchus nerka</i> | 804604 | <i>Lepomis microlophus</i> | 807781 | |
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| | 808390 | Biochemistry | | |
| Pigments | | Cichlidae | | |
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| Cyprinidae | | Amine oxidase | | |
| <i>Cyprinus carpio</i> | 805651 | Enzymology | | |
| Pimelodontidae | | Biochemistry | | |
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| Thyroid hormone | | Nitrogen metabolism | | |
| Experimental analysis | | Biochemistry | | |
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| <i>Anguilla rostrata</i> | 807377 | Serranidae | | |
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| <i>Anguilla rostrata</i> | 807377 | Cyprinidae | | |
| | | <i>Cyprinus carpio</i> | 804584 | |

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| | Hiodontidae | | <i>Squalus acanthias</i> | 806795 |
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| | Enzymology | | <i>Notopterus notopterus</i> | 806955 |
| | Biochemistry | | Protein content | |
| | Squalidae | | Experimental analysis | |
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| | Cottidae | | <i>Pseudopleuronectes americanus</i> | 804610 |
| | <i>Myoxocephalus scorpius</i> | 808942 | In vitro techniques | |
| | Anguillidae | | Experimental analysis | |
| | <i>Anguilla rostrata</i> | 808942 | Cyprinidae | |
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| | Biochemistry | | Organic acids | |
| | Squalidae | | Permeability | |
| | <i>Squalus acanthias</i> | 806806 | Experimental analysis | |
| | Cottidae | | Pleuronectidae | |
| | <i>Myoxocephalus scorpius</i> | 806806 | <i>Pseudopleuronectes americanus</i> | 808886 |
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| | <i>Anguilla rostrata</i> | 806806 | Pleuronectidae | |
| | Magnesium | | <i>Pseudopleuronectes americanus</i> | 808886 |
| | Salinity | | Agglomerular kidney | |
| | Biochemistry | | Salinity | |
| | Salmonidae | | Experimental analysis | |
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| | <i>Oncorhynchus nerka</i> | 806404 | <i>Opsanus tau</i> | 803998 |
| | <i>Salvelinus malma</i> | 806404 | | 804611 |
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| | <i>Oncorhynchus kisutch</i> | 806404 | Comparative enzymology | |
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| | <i>Salvelinus malma</i> | 806404 | Organic acids | |
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| | <i>Labeo rohita</i> | 806951 | Reproduction | |
| | Mutarotase | | Dipnoi | |
| | Comparative enzymology | | <i>Neoceratodus forsteri</i> | 806765 |
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| Hemodynamics | | | Clupeidae | | |
| Function | | | <i>Sardinella aurita</i> | 808017 | |
| Heterodontiformes | | | <i>Sardinella cba</i> | 808017 | |
| <i>Heterodontus portusjacksoni</i> | 804779 | | Esocidae | | |
| Urine | | | <i>Esox lucius</i> | 805970 | |
| Biochemistry | | | Development | | |
| Elasmobranchii | 809064 | | Clupeidae | | |
| Teleostei | 809064 | | <i>Brevortia patronus</i> | 807016 | |
| Ion and water relationships | | | Cytology | | |
| Experimental analysis | | | Tissue culture techniques | | |
| Caragidae | | | Gobiidae | | |
| <i>Trachurus mediterraneus</i> | 807699 | | <i>Gobius melanostomus</i> | 806422 | |
| Scorpaenidae | 807699 | | Lipid and fatty acid content | | |
| <i>Scorpaena porcus</i> | | | Gadidae | | |
| Oxygen deficiencies in habitat | | | <i>Eleginus nava</i> | 803874 | |
| Biochemistry | | | <i>Gadus morhua</i> | 803874 | |
| Salmonidae | | | Abnormality | | |
| <i>Salmo gairdneri</i> | 807776 | | Mastacembelidae | | |
| Experimental analysis | | | <i>Mastacembelus armatus</i> | 806379 | |
| Salmonidae | | | Gerreidae | | |
| <i>Salmo gairdneri</i> | 807776 | | <i>Gerres oyena</i> | 804287 | |
| Coelom | | | Function | | |
| Chimaeromorpha | | | Mugiloidi | | |
| <i>Callorhynchus australis</i> | 804300 | | <i>Mugil capito</i> | 803640 | |
| Anatomy | | | Development | | |
| Descriptive evolution | | | Salmonidae | | |
| Function | | | <i>Oncorhynchus</i> | 806309 | |
| Descriptive evolution | 805207 | | <i>Salmo salar</i> | 806309 | |
| Descriptive evolution | 804716 | | Developmental analysis | | |
| Coloration | | | Teleostei | 809080 | |
| Distribution | | | Descriptive evolution | | |
| Bothidae | | | Galaxioidi | 807632 | |
| <i>Paralichthys coreanikus</i> | 807220 | | Salmonoidi | 807632 | |
| Pleuronectidae | 807220 | | Effect on fish | | |
| Exocoetidae | | | Adenohypophysis | | |
| <i>Hyperhamphus sajori</i> | 807220 | | Salmonidae | | |
| | | | <i>Oncorhynchus nerka</i> | 807414 | |

| Reproductive system (continued) | Sexual dimorphism | | Androgens | |
|------------------------------------|------------------------------------|--------|------------------------------------|--------|
| | Salmonidae | 807414 | Biochemistry | |
| | <i>Oncorhynchus nerka</i> | | Mugiloidae | |
| | Lipid and fatty acid content | | <i>Mugil cephalus</i> | 805026 |
| | Biochemistry | | Developmental analysis | |
| | Leiognathidae | | Cichlidae | |
| | <i>Leiognathus splendens</i> | 804282 | <i>Hemihaplochromis multicolor</i> | 804174 |
| | Clupeidae | | Life span | |
| | <i>Clupeonella cultriventris</i> | 808451 | Experimental analysis | |
| | Salmonidae | | Petromyzontomorpha | |
| | <i>Salmo trutta</i> | 805714 | <i>Lampetra fluviatilis</i> | 805175 |
| | Seasonal changes | | Change with age | |
| | Leiognathidae | | Biochemistry | |
| | <i>Leiognathus splendens</i> | 804282 | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus keta</i> | 805676 |
| | <i>Salmo trutta</i> | 805714 | Allometry | |
| | Glucose content | | Clupeidae | |
| | Biochemistry | | <i>Clupea harengus</i> | 807733 |
| | Mastacembelidae | | Radioactivity | |
| | <i>Mastacembelus armatus</i> | 806376 | Biochemistry | |
| | Poison content | | Cobitidae | |
| | Biochemistry | | <i>Misgurnus fossilis</i> | 807728 |
| | Lutjanidae | | Seasonal changes | |
| | <i>Lutjanus bohar</i> | 804122 | Biochemistry | |
| | DNA content and function | | Siluridae | |
| | Migrations | | <i>Wallagonia attu</i> | 806385 |
| | Salmonidae | | Protein content | |
| | <i>Oncorhynchus gorbuscha</i> | 807654 | Siluridae | |
| | RNA content and function | | <i>Wallagonia attu</i> | 804393 |
| | Migrations | | Lipid and fatty acid content | |
| | Salmonidae | | Siluridae | |
| | <i>Oncorhynchus gorbuscha</i> | 807654 | <i>Wallagonia attu</i> | 804393 |
| | Enzymology | | Mating | |
| | Biochemistry | | Experimental analysis | |
| | Squalidae | | Poeciliidae | |
| | <i>Squalus acanthias</i> | 805031 | <i>Poecilia reticulata</i> | 804487 |
| | LDH isoenzymes | | Gerontological pathologies | |
| | Biochemistry | | Histology | |
| | Merlucciidae | | Gadidae | |
| | <i>Merluccius productus</i> | 805262 | <i>Gadus morhua</i> | 807547 |
| | Pigments | | Abnormality | |
| | Biochemistry | | Poeciliidae | |
| | Salmonidae | | <i>Poecilia reticulata</i> | 809000 |
| | <i>Oncorhynchus keta</i> | 805676 | Gadidae | |
| | Adenohypophysis | | <i>Gadus morhua</i> | 807547 |
| | Experimental analysis | | Virus diseases | |
| | Myxiniomorpha | | Experimental analysis | |
| | <i>Myxine glutinosa</i> | 805150 | Salmonidae | |
| | Gonadotropin | | <i>Salmo gairdneri</i> | 807368 |
| | Experimental analysis | | Tissue culture techniques | |
| | Embiotocidae | | Salmonidae | |
| | <i>Cymatogaster aggregata</i> | 803813 | <i>Salmo gairdneri</i> | 807368 |
| | Adrenal cortex | | Amino acids | |
| | Experimental analysis | | Biochemistry | |
| | Salmonidae | | Clariidae | |
| | <i>Oncorhynchus nerka</i> | 807530 | <i>Clarias batrachus</i> | 806375 |
| | Arterial system | | Polycystic degeneration | |
| | Venous system | | Abnormality | |
| | Anatomy | | Salmonidae | |
| | Percidae | | <i>Salmo gairdneri</i> | 808452 |
| | <i>Perca fluviatilis</i> | 804045 | | |
| | Cobitidae | | Oogenesis | |
| | <i>Misgurnus fossilis</i> | 804045 | Petromyzontomorpha | |
| | Cyprinidae | | <i>Mordacia mordax</i> | 804395 |
| | <i>Cyprinus carpio</i> | 804045 | <i>Mordacia praecox</i> | 804395 |
| | <i>Tinca tinca</i> | 804045 | Elasmobranchii | 809078 |
| | Esocidae | | Acipenseromorpha | |
| | <i>Esox lucius</i> | 804045 | <i>Acipenser ruthenus</i> | 804942 |
| | Salmonidae | | <i>Huso huso</i> | 804942 |
| | <i>Salmo gairdneri</i> | 804045 | Teleostei | 809078 |
| | Intestine | | Anabantidae | |
| | Experimental analysis | | <i>Anabas scandens</i> | 804311 |
| | Petromyzontomorpha | | Mastacembelidae | |
| | <i>Lampetra fluviatilis</i> | 805175 | <i>Macrognathus aculeatus</i> | 804645 |
| | Estrogens | | Serranidae | |
| | Biochemistry | | <i>Epinephelus morio</i> | 806260 |
| | Mugiloidae | | Bothidae | |
| | <i>Mugil cephalus</i> | 805026 | <i>Citharichthys cornutus</i> | 807596 |
| | Developmental analysis | | Amphipnoideae | |
| | Belontiidae | | <i>Amphipnoeus cuchia</i> | 804645 |
| | <i>Macropodus opercularis</i> | 804697 | Belonidae | |
| | Cichlidae | | <i>Xenentodon cancila</i> | 804645 |
| | <i>Hemihaplochromis multicolor</i> | 804174 | Clupeidae | |
| | Progestins | | <i>Brevoortia patronus</i> | 807016 |
| | Biochemistry | | Cyprinidae | |
| | Mugiloidae | | <i>Carassius auratus</i> | 804943 |
| | <i>Mugil cephalus</i> | 805026 | Bagridae | |
| | Delayed fertilization | | <i>Myxus tengara</i> | 804645 |
| | Ultrastructure | | Histology | |
| | Poeciliidae | | Cyprinidae | |
| | <i>Poecilia reticulata</i> | 804163 | <i>Pseudorasbora pumila</i> | 805073 |
| | Function | | Osmeridae | |
| | Poeciliidae | | <i>Osmerus eperlanus</i> | 808647 |
| | <i>Poecilia reticulata</i> | 804163 | | |

| | | Function | Reproductive system (continued) |
|-------------------------------|--------|--------------------------|---------------------------------|
| Cytology | | Cyprinidae | |
| Amphipnoideae | | Brachydanio rerio | 803764 |
| Amphipnous cuchia | 804110 | Experimental analysis | |
| Salmonidae | | In vitro techniques | |
| Oncorhynchus | 806309 | Cyprinidae | |
| Oncorhynchus gorbuscha | 806309 | Brachydanio rerio | 804129 |
| Biochemistry | | Enzymology | |
| Teleostei | 808004 | Histology | |
| Ultrastructure | | Squalidae | |
| Cyprinidae | | Squalus acanthias | 805161 |
| Brachydanio rerio | 804159 | Biochemistry | |
| Function | | Squalidae | |
| Dipnoi | | Squalus acanthias | 805031 |
| Protopterus aethiopicus | 803930 | Function | |
| | 804698 | Squalidae | |
| Carbohydrate content | | Squalus acanthias | 805031 |
| Biochemistry | | Prolactin | |
| Anabantidae | | Elasmobranchii | |
| Anabas scandens | 804746 | Teleostei | 806286 |
| Biomenbranes | | Ovarian cycles | 806286 |
| Histology | | Function | |
| Belontiidae | | Acipenseromorpha | |
| Trichogaster fasciatus | 806923 | Acipenser gueldenstaedti | 806292 |
| Function | | Salmonidae | |
| Belontiidae | | Salmo salar | 806292 |
| Trichogaster fasciatus | 806923 | Ovarian endocrine tissue | |
| Adenohypophysis | | Elasmobranchii | |
| Experimental analysis | | Teleostei | 809078 |
| Petromyzontomorpha | | Histology | 809078 |
| Lampetra fluviatilis | 806305 | Biochemistry | |
| Gonadotropin | | Poeciliidae | |
| Experimental analysis | | Poecilia reticulata | 805174 |
| Poeciliidae | | Enzymology | |
| Poecilia reticulata | 804487 | Poeciliidae | |
| Yolk | | Poecilia reticulata | 805174 |
| Cytology | | Biochemistry | |
| Plecoglossidae | | Histology | |
| Plecoglossus altivelis | 805526 | Pleuronectidae | |
| Seasonal changes | | Microstomus kitt | 805186 |
| Pleuronectidae | | Estrogens | |
| Pseudopleuronectes americanus | 807467 | Biochemistry | |
| Captive vs natural fishes | | Mugiloidae | |
| Abnormality | | Mugil capito | 805168 |
| Salmonidae | | Mugil cephalus | 805168 |
| Coregonus nasus | 807666 | Ovarian cycles | |
| Iron | | Histology | |
| Histology | | Squalidae | |
| Biochemistry | | Squalus acanthias | 805161 |
| Heteropneustidae | | Enzymology | |
| Heteropneustes fossilis | 806922 | Squalidae | |
| Ovarian follicles | | Squalus acanthias | 805161 |
| Anabantidae | | Androgens | |
| Anabas scandens | 804311 | Biochemistry | |
| Function | | Mugiloidae | |
| Cyprinidae | | Mugil capito | 805166 |
| Brachydanio rerio | 803764 | Salinity | |
| Ovulation | | Experimental analysis | |
| Cyprinidae | | Mugiloidae | |
| Abramis ballerus | 804570 | Mugil capito | 805158 |
| Abramis brama | 804570 | Enzymology | |
| Abramis sapa | 804570 | Mugiloidae | |
| Blicca bjoerkna | 804570 | Mugil capito | 805158 |
| Adenohypophysis | | Estrogens | |
| Experimental analysis | | Teleostei | |
| Petromyzontomorpha | | Mugiloidae | 806111 |
| Lampetra fluviatilis | 806305 | Mugil capito | 803640 |
| Pars distalis | | Biochemistry | |
| Experimental analysis | | Function | |
| Petromyzontomorpha | | Elasmobranchii | 809078 |
| Lampetra fluviatilis | 803815 | Teleostei | 809078 |
| Luteotropic hormone | | Synbranchidae | |
| Experimental analysis | | Monopterus albus | 804548 |
| Heteropneustidae | | Developmental analysis | |
| Heteropneustes fossilis | 806300 | Elasmobranchii | 806290 |
| Cortical hormones | | Effect on fish | |
| Experimental analysis | | Vitamin content | |
| Heteropneustidae | | Gadidae | |
| Heteropneustes fossilis | 806300 | Gadus morhua | 805405 |
| Corpora lutea | | Steroid metabolism | |
| Clupeidae | | Salmonidae | |
| Brevoortia patronus | 807016 | Oncorhynchus nerka | 807452 |
| Sardinella longiceps | 807079 | Olfactory nerve | |
| Histology | | Cyprinidae | |
| Function | | Carassius auratus | 804540 |
| Elasmobranchii | 809078 | Adenohypophysis | |
| Teleostei | 809078 | Myxiniomorpha | |
| Amphipnoideae | | Myxine glutinosa | 805150 |
| Amphipnous cuchia | 804729 | Heteropneustidae | |
| Notopteridae | | Heteropneustes fossilis | 805706 |
| Notopterus notopterus | 805132 | Thyroid | |
| Development | | Bagridae | |
| Notopteridae | | Mystus vittatus | 804546 |
| Notopterus notopterus | 805132 | | 808333 |

| | | | | |
|------------------------------------|------------------------------------|--------|---------------------------------|--------|
| Reproductive system (continued) | Cortical hormones | | Syngnathidae | |
| | Salmonidae | | <i>Hippocampus kuda</i> | 805736 |
| | <i>Oncorhynchus nerka</i> | 807452 | Clinidae | 805650 |
| | Biochemical blood constituents | | Embiotocidae | 805609 |
| | Gadidae | | <i>Cymatogaster aggregata</i> | 806859 |
| | <i>Gadus morhua</i> | 805405 | <i>Ditrema temminckii</i> | 806224 |
| | Ovary | | <i>Ditrema viridis</i> | 806224 |
| | Cichlidae | | <i>Rhacochilus vacca</i> | 807188 |
| | <i>Hemihaplochromis multicolor</i> | 804174 | Scorpaenidae | |
| | Testis | | <i>Sebastes atrovirens</i> | 807188 |
| | Cichlidae | | <i>Sebastes dalli</i> | 807188 |
| | <i>Hemihaplochromis multicolor</i> | 804174 | Poeciliidae | 803705 |
| | Heteropneustidae | | <i>Gambusia affinis</i> | 804946 |
| | <i>Heteropneustes fossilis</i> | 805448 | <i>Poecilia reticulata</i> | 808562 |
| | Seminal vesicles | | Ophidiidae | 805709 |
| | Heteropneustidae | | Anatomy | |
| | <i>Heteropneustes fossilis</i> | 805706 | Descriptive evolution | |
| | Sexual dimorphism | | Elasmobranchii | 809047 |
| | Teleostei | 809080 | Teleostei | 809047 |
| | Developing egg | | Poeciliidae | 809047 |
| | Salmonidae | | Description and occurrence | |
| | <i>Salmo trutta</i> | 808865 | Gonadotroph | |
| | Larva | | Poeciliidae | |
| | Belontiidae | | <i>Poecilia latipinna</i> | 809070 |
| | <i>Macropodus opercularis</i> | 804697 | Ion and water relationships | |
| | Fry | | Experimental analysis | |
| | Cichlidae | | Poeciliidae | |
| | <i>Hemihaplochromis multicolor</i> | 804174 | <i>Gambusia affinis</i> | 808393 |
| | Sex reversal | | Zoaridae | |
| | Oryziatidae | | <i>Zoarces viviparus</i> | 804965 |
| | <i>Oryzias latipes</i> | 809080 | Pars distalis | |
| | Aggressive behavior | | Experimental analysis | |
| | Teleostei | 809079 | Poeciliidae | |
| | Mating | | <i>Gambusia affinis</i> | 804240 |
| | Teleostei | 809079 | Gonadotropin | |
| | Poeciliidae | | Experimental analysis | |
| | <i>Poecilia reticulata</i> | 804487 | Poeciliidae | |
| | Nest construction | | <i>Poecilia reticulata</i> | 805196 |
| | Teleostei | 809079 | Prolactin | |
| | Biochemical blood constituents | | Elasmobranchii | 806286 |
| | Biochemistry | | Teleostei | 806286 |
| | Rajidae | | Delayed fertilization | |
| | <i>Raja radiata</i> | 804538 | Ovarian cycles | |
| | Calcium | | Poeciliidae | |
| | Effect on fish | | <i>Poecilia reticulata</i> | 804578 |
| | Biochemical blood constituents | | Fertilization | |
| | Scyliorhinidae | | Poeciliidae | |
| | <i>Scyliorhinus caniculus</i> | 805034 | <i>Poecilia reticulata</i> | 804163 |
| | Progesterone | | Hydrostatics | |
| | Effect on fish | | Squalidae | |
| | Thyroid | | <i>Squalus acanthias</i> | 805404 |
| | Bagridae | | Placentalike organs | |
| | <i>Mystus vittatus</i> | 804546 | Elasmobranchii | 809078 |
| | Male genital papilla | | Teleostei | 809078 |
| | Oryziatidae | | Ovarian cycles | |
| | <i>Oryzias latipes</i> | 805259 | Petromyzontomorpha | |
| | Sexually dimorphic fins | | <i>Caspiomyzon wagneri</i> | 807755 |
| | Oryziatidae | | <i>Mordacia mordax</i> | 804395 |
| | <i>Oryzias latipes</i> | 805259 | <i>Mordacia praecox</i> | 804395 |
| | Reproduction | | Elasmobranchii | 809078 |
| | Oryziatidae | | Acipenseromorpha | 807660 |
| | <i>Oryzias latipes</i> | 805259 | <i>Acipenser</i> | 807691 |
| | Progesterone | | <i>Huso huso</i> | 804075 |
| | Effect on fish | | Teleostei | 804708 |
| | Embryogenesis | | | 809078 |
| | Poeciliidae | | Syngnathidae | |
| | <i>Gambusia affinis</i> | 808394 | <i>Syngnathus</i> | 808715 |
| | Delayed fertilization | | Anarhichadidae | |
| | Cottidae | | <i>Anarhichas denticulatus</i> | 806559 |
| | <i>Myoxocephalus quadricornis</i> | 806258 | <i>Anarhichas lupus</i> | 806559 |
| | Poeciliidae | | <i>Anarhichas minor</i> | 806559 |
| | <i>Poecilia reticulata</i> | 808562 | Bleniidae | 806057 |
| | Viviparity | | Clinidae | 806057 |
| | Poeciliidae | | <i>Neoclinus blanchardi</i> | 808715 |
| | <i>Poecilia reticulata</i> | 804578 | Pholididae | 806057 |
| | Sex inheritance | | Gobiidae | 806057 |
| | Experimental analysis | | Mugiloidae | 805458 |
| | Oryziatidae | | <i>Liza macrolepis</i> | 808575 |
| | <i>Oryzias latipes</i> | 804338 | <i>Mugil</i> | 805024 |
| | Viviparity | | <i>Mugil cephalus</i> | 806236 |
| | Elasmobranchii | 809078 | <i>Rhinomugil corsula</i> | 806902 |
| | Dasyatidae | | Channichthyidae | |
| | <i>Dasyatis centroura</i> | 804187 | <i>Cryodraco antarcticus</i> | 807663 |
| | <i>Urolophus paucimaculatus</i> | 803599 | Nototheniidae | 807663 |
| | Torpedinidae | | <i>Notothenia cyanobranchia</i> | 805049 |
| | <i>Torpedo marmorata</i> | 807299 | Carangidae | |
| | <i>Torpedo ocellata</i> | 807299 | <i>Caranx georgianus</i> | 807753 |
| | Carcharhinidae | | <i>Selar djedaba</i> | 806062 |
| | <i>Mustelus canis</i> | 804555 | <i>Seriola quinqueradiata</i> | 806587 |
| | Hexanchiformes | | <i>Trachinotus carolinus</i> | 804222 |
| | <i>Hexanchus griseus</i> | 803737 | <i>Trachurus declivis</i> | 807753 |
| | <i>Hexanchus vitulus</i> | 803737 | <i>Trachurus japonicus</i> | 805438 |
| | Teleostei | 809078 | | |

| Cichlidae | | <i>Clupea harengus</i> | | Reproductive system (continued) |
|--------------------------------------|--------|-----------------------------------|--|---------------------------------|
| <i>Haplochromis</i> | 806349 | | | 805301 |
| <i>Hemihaplochromis multicolor</i> | 804708 | | | 805302 |
| <i>Tilapia esculenta</i> | 808976 | | | 805303 |
| <i>Tilapia mossambica</i> | 806116 | | | 805305 |
| <i>Tilapia variabilis</i> | 808976 | | | 805308 |
| Embiotocidae | | | | 805311 |
| <i>Cymatogaster aggregata</i> | 806859 | | | 805319 |
| <i>Ditrema temminckii</i> | 806224 | | | 805321 |
| <i>Ditrema viridis</i> | 806224 | | | 805910 |
| Leiognathidae | | | | 805911 |
| <i>Leiognathus splendens</i> | 804282 | | | 807733 |
| Lethrinidae | | | | 807741 |
| <i>Lethrinus lentjan</i> | 808583 | | | 807897 |
| Percidae | | | | 807898 |
| <i>Perca fluviatilis</i> | 806440 | | | 807899 |
| <i>Percina notogramma</i> | 807600 | | | 807900 |
| <i>Percina peltata</i> | 807600 | | | 808050 |
| Sciaenidae | | | | 808053 |
| <i>Cynoscion virescens</i> | 807029 | | | 808054 |
| <i>Genyonemus lineatus</i> | 808715 | | | 808055 |
| <i>Johannes dussumieri</i> | 804737 | | | 808056 |
| <i>Microgobius furnieri</i> | 807048 | | | 808103 |
| <i>Pseudosciaena coarctata</i> | 808586 | | | 808105 |
| <i>Pseudosciaena diacanthus</i> | 808570 | | | 808108 |
| <i>Pseudolithus elongatus</i> | 805923 | | | 808111 |
| <i>Pseudolithus senegalensis</i> | 805648 | | | 808113 |
| <i>Pseudolithus typus</i> | 806750 | | | 808917 |
| Serranidae | | | | 809060 |
| <i>Morone chrysops</i> | 806520 | <i>Dorosoma petenense</i> | | 807811 |
| <i>Morone mississippiensis</i> | 808901 | <i>Dussumieria hasselti</i> | | 806726 |
| <i>809041</i> | 809041 | <i>Ethmalosa fimbriata</i> | | 806743 |
| <i>Paralabrax clathratus</i> | 807229 | <i>Opisthonema oglinum</i> | | 807033 |
| Sparidae | | <i>Sardinella longiceps</i> | | 807079 |
| <i>Stenotomus chrysops</i> | 807562 | | | 808598 |
| Istiophoridae | | <i>Sardinella sirm</i> | | 806726 |
| <i>Istiophorus platypterus</i> | 808879 | <i>Sprattus sprattus</i> | | 808307 |
| <i>Makaira nigricans</i> | 808879 | Engraulidae | | |
| <i>Tetrapterus angustirostris</i> | 808474 | <i>Engraulis japonicus</i> | | 804315 |
| <i>Tetrapterus audax</i> | 808879 | <i>Engraulis ringens</i> | | 805701 |
| Scombridae | | | | 808166 |
| <i>Euthynnus pelamis</i> | 808474 | Catostomidae | | |
| <i>Scomber australasicus</i> | 803510 | <i>Catostomus catostomus</i> | | 807422 |
| <i>Scomber japonicus</i> | 807753 | <i>Catostomus platyrhynchus</i> | | 807795 |
| <i>Thunnus</i> | 803744 | <i>Moxostoma carinatum</i> | | 804165 |
| <i>Thunnus albacares</i> | 808147 | Cyprinidae | | |
| <i>Thunnus obesus</i> | 808279 | <i>Abramis brama</i> | | 807749 |
| Thiuidae | | <i>Alburnus alburnus</i> | | 807525 |
| <i>Lepidopus caudatus</i> | 808130 | <i>Aspius aspius</i> | | 804696 |
| <i>Paradiplonius gracilis</i> | 807663 | <i>Barbus apleurogramma</i> | | 804708 |
| Xiphiidae | | <i>Barbus kersteni</i> | | 804708 |
| <i>Xiphias gladius</i> | 804674 | <i>Barbus kolus</i> | | 808571 |
| Bathymasteridae | 808879 | <i>Barilius bendelisi</i> | | 808983 |
| <i>Rathbunella hypoplecta</i> | 808715 | <i>Carassius carassius</i> | | 806442 |
| Bothidae | 808715 | <i>Ctenopharyngodon idella</i> | | 808440 |
| Cynoglossidae | | <i>Cyprinus carpio</i> | | 807749 |
| <i>Symphurus atricauda</i> | 808715 | <i>Notropis stramineus</i> | | 807832 |
| Pleuronectidae | 808715 | <i>Rhinichthys atratulus</i> | | 807833 |
| <i>Hippoglossus hippoglossus</i> | 805331 | <i>Rutilus rutilus</i> | | 807525 |
| <i>Limanda aspera</i> | 808918 | <i>Zacco platypus</i> | | 807749 |
| <i>Platichthys flesus</i> | 807769 | | | 806232 |
| <i>Pseudopleuronectes americanus</i> | 807467 | Ariidae | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Arius heudeloti</i> | | 804552 |
| Agonidae | | Mochokidae | | |
| <i>Agonus cataphractus</i> | 807955 | <i>Chiloglanis emarginatus</i> | | 807007 |
| <i>Odontopyxis trispinosa</i> | 808715 | Sisoridae | | |
| <i>Xenentrus latifrons</i> | 808715 | <i>Glyptothorax pectinopterus</i> | | 804386 |
| <i>Xenentrus trilineatus</i> | 808715 | Mormyridae | | 803915 |
| Cottidae | 806057 | Batrachoidiformes | | |
| <i>Cottus beldingi</i> | 808721 | <i>Porichthys notatus</i> | | 808715 |
| <i>Icelinus quadriseriatus</i> | 808715 | Gadidae | | |
| <i>Icelinus tenuis</i> | 808715 | <i>Boreogadus saida</i> | | 806342 |
| <i>Triglops murrayi</i> | 807370 | <i>Eleginus navaga</i> | | 807721 |
| Hexagrammidae | | <i>Gadus morhua</i> | | 808035 |
| <i>Zaniolepis frenata</i> | 808715 | <i>Lota lota</i> | | 806834 |
| <i>Zaniolepis latipinnis</i> | 808715 | <i>Micromesistius australis</i> | | 807663 |
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| <i>Fundulus kansae</i> | 807834 | Gobiesociformes | | 808715 |
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| <i>Alosa kessleri</i> | 807711 | | | 808472 |
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| <i>Brevortia smithi</i> | 804437 | <i>Oncorhynchus keta</i> | | 807668 |
| <i>Brevortia tyrannus</i> | 804437 | | | 804119 |
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| | | 808908 | Gadidae | | |
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| | <i>Salmo trutta</i> | 804048 | Viviparity | | |
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| | Gobiidae | | Experimental analysis | | |
| | <i>Aphia minuta</i> | 807992 | Gasterosteidae | | |
| | Amphipnoidae | | <i>Gasterosteus aculeatus</i> | | 805156 |
| | <i>Amphipnoides cuchia</i> | 804729 | Light | | |
| Salmonidae | | | Experimental analysis | | |
| | <i>Coregonus nasus</i> | 807666 | Gasterosteidae | | |
| | <i>Oncorhynchus gorbuscha</i> | 808909 | <i>Gasterosteus aculeatus</i> | | 805156 |
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| | Atherinidae | | <i>Salvelinus fontinalis</i> | | 806688 |
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| | Gonadotroph | | <i>Poecilia formosa</i> | | 805844 |
| | Poeciliidae | | Artificial hybridization | | |
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| Temperature | | | Radioactivity | | |
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| | <i>Bouta birdi</i> | 808614 | Pleuronectidae | | |
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| | <i>Schizothorax niger</i> | 808614 | <i>Pleuronectes platessa</i> | | 806457 |
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| | Cobitidae | | <i>Salmo trutta</i> | | 806457 |
| | <i>Bouta birdi</i> | 808614 | Temperature | | |
| | Cyprinidae | | Pleuronectidae | | |
| | <i>Schizothorax niger</i> | 808614 | <i>Pleuronectes platessa</i> | | 806457 |
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| | Cyprinidae | | <i>Poeciliopsis</i> | | 807327 |
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| | <i>Esox lucius</i> | 806308 | <i>Lamprologus mariae</i> | | 807664 |
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| | <i>Acipenser gueldenstaedti</i> | 806292 | <i>Pungitius pungitius</i> | | 806635 |
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| | 808979 | <i>Moxostoma carinatum</i> | 804165 | |
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| <i>Anarhichas denticulatus</i> | 806559 | <i>Cobitis aurata</i> | 807686 | |
| <i>Anarhichas lupus</i> | 806559 | | 806041 | |
| <i>Anarhichas minor</i> | 806559 | Cyprinidae | 806635 | |
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| <i>Evermannichthys metzelaari</i> | 805876 | <i>Abramis brama</i> | 806308 | |
| <i>Evermannichthys silus</i> | 805876 | | 806416 | |
| Mugiloidae | | | 807643 | |
| <i>Liza macrolepis</i> | 808575 | | 807648 | |
| <i>Rhinomugil corsula</i> | 806902 | <i>Alburnus alburnus</i> | 807749 | |
| Carangidae | | <i>Barbus pleurogramma</i> | 807525 | |
| <i>Trachinotus carolinus</i> | 807837 | <i>Barbus kersteni</i> | 804708 | |
| Centrarchidae | | <i>Barbus kolus</i> | 808571 | |
| <i>Lepomis macrochirus</i> | 804762 | <i>Barbus paludinosus</i> | 804773 | |
| <i>Micropterus dolomieu</i> | 808568 | <i>Barilius bendelisis</i> | 808983 | |
| <i>Pomoxis annularis</i> | 808796 | <i>Blicca bjoerkna</i> | 805921 | |
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| <i>Hemihaplochromis multicolor</i> | 804708 | <i>Carassius carassius</i> | 806442 | |
| <i>Tilapia mossambica</i> | 806116 | <i>Cyprinus carpio</i> | 807643 | |
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| <i>Ditrema viridis</i> | 806224 | <i>Ericymba buccata</i> | 807003 | |
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| <i>Perca flavescens</i> | 803590 | <i>Leuciscus cephalus</i> | 808441 | |
| <i>Perca fluviatilis</i> | 804420 | <i>Leuciscus leuciscus</i> | 805972 | |
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| | 804896 | <i>Rhinichthys atratulus</i> | 806272 | |
| <i>Stizostedion canadense</i> | 806440 | | 807833 | |
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| <i>Abudefduf saxatilis</i> | 806976 | | 807749 | |
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| <i>Johanius dussumieri</i> | 804737 | Ariidae | | |
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| <i>Pseudosciaena diabolus</i> | 808570 | Pangasiidae | | |
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| <i>Isoopsetta isolepis</i> | 807904 | <i>Gadus morhua</i> | 807541 | |
| <i>Lepidopsetta bilineata</i> | 807904 | <i>Lota lota</i> | 806635 | |
| <i>Parophrys vetulus</i> | 807904 | | 806834 | |
| <i>Platichthys flesus</i> | 807769 | Ophidiidae | 805709 | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | Zoaridae | | |
| Cottidae | | <i>Lycodopsis pacifica</i> | 807500 | |
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| <i>Triglops murrayi</i> | 807370 | Percopsidae | | |
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| <i>Menidia audens</i> | 808171 | Salmonidae | 806635 | |
| <i>Menidia extensa</i> | 807835 | <i>Coregonus clupeoides</i> | 803672 | |
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| <i>Cynolebias bellotti</i> | 808499 | <i>Coregonus sardinella</i> | 806851 | |
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| <i>Oryzias latipes</i> | 804260 | | 808908 | |
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| | <i>Rhinogobius brunneus</i> | 808746 | <i>Squalus acanthias</i> | 803574 |
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| | <i>Salmo salar</i> | 807874 | <i>Tilapia leucosticta</i> | 804042 |
| | Population changes | | Heteropneustidae | |
| | Change with age | | <i>Heteropneustes fossilis</i> | 805447 |
| | Clupeidae | | Ultrastructure | |
| | <i>Clupea harengus</i> | 808915 | Squalidae | |
| | Seasonal changes | | <i>Squalus acanthias</i> | 803574 |
| | Change with age | | Biochemistry | |
| | Cyprinidae | | Salmonidae | |
| | <i>Abramis ballerus</i> | 807693 | <i>Oncorhynchus kisutch</i> | 803539 |
| | Oral brooding | | <i>Salmo gairdneri</i> | 803539 |
| | Cichlidae | | Abnormality | |
| | <i>Tilapia mossambica</i> | 807710 | Clupeidae | |
| | Feeding captive fish | | <i>Brevoortia patronus</i> X | |
| | Experimental analysis | | <i>Brevoortia smithi</i> X | 807796 |
| | Salmonidae | | <i>Brevoortia smithi</i> X | |
| | <i>Salmo trutta</i> | 805967 | <i>Brevoortia patronus</i> X | 807796 |
| | Meristic morphometric techniques | | Function | |
| | Catostomidae | | Salmonidae | |
| | <i>Carpoides carpio</i> | 807845 | <i>Oncorhynchus kisutch</i> | 803539 |
| | Cyprinidae | | <i>Salmo gairdneri</i> | 803539 |
| | <i>Phoxinus erythrogaster</i> | 807846 | Development | |
| | Oviduct | | Clupeidae | |
| | Anatomy | | <i>Brevoortia patronus</i> | 807016 |
| | Function | | Salmonidae | |
| | Elasmobranchii | 809078 | <i>Oncorhynchus</i> | 806309 |
| | Teleostei | 809078 | <i>Salmo salar</i> | 806309 |
| | Development | | Developmental analysis | |
| | Elasmobranchii | 809078 | Teleostei | 809080 |
| | Teleostei | 809078 | Effect on fish | |
| | Seasonal changes | | Adenohypophysis | |
| | Anatomy | | Salmonidae | |
| | Serranidae | | <i>Oncorhynchus nerka</i> | 807414 |
| | <i>Lateolabrax japonicus</i> | 806238 | Seminal vesicles | |
| | Histology | | Heteropneustidae | |
| | Serranidae | | <i>Heteropneustes fossilis</i> | 805704 |
| | <i>Lateolabrax japonicus</i> | 806238 | | |

| Sexual dimorphism | | Biochemistry | | Reproductive system | |
|------------------------------------|--------|--------------------------------|--------|---------------------|--|
| Salmonidae | | Salmonidae | | (continued) | |
| <i>Oncorhynchus nerka</i> | 807414 | <i>Oncorhynchus keta</i> | 805676 | | |
| Lipid and fatty acid content | | Claspers | | | |
| Biochemistry | | Scyliorhinidae | | | |
| Leiognathidae | | <i>Scyliorhinus caniculus</i> | 806518 | | |
| <i>Leiognathus splendens</i> | 804282 | Allometry | | | |
| Clupeidae | | Clupeidae | | | |
| <i>Clupeonella cultriventris</i> | 808451 | <i>Clupea harengus</i> | 807733 | | |
| Salmonidae | | Radioactivity | | | |
| <i>Salmo trutta</i> | 805714 | Experimental analysis | | | |
| Seasonal changes | | Oryziatidae | | | |
| Leiognathidae | | <i>Oryzias latipes</i> | 808990 | | |
| <i>Leiognathus splendens</i> | 804282 | Heteropneustidae | | | |
| Salmonidae | | <i>Heteropneustes fossilis</i> | 805448 | | |
| <i>Salmo trutta</i> | 805714 | Seasonal changes | | | |
| Poison content | | Protein content | | | |
| Biochemistry | | Siluridae | | | |
| Lutjanidae | | <i>Wallagonia attu</i> | 804393 | | |
| <i>Lutjanus bohar</i> | 804122 | Lipid and fatty acid content | | | |
| DNA content and function | | Siluridae | | | |
| Experimental analysis | | <i>Wallagonia attu</i> | 804393 | | |
| Salmonidae | | Neoplastic diseases | | | |
| <i>Salmo gairdneri</i> | 803675 | Description and occurrence | | | |
| Migrations | | Percidae | | | |
| Salmonidae | | <i>Perca flavescens</i> | 808900 | | |
| <i>Oncorhynchus gorbuscha</i> | 807654 | Insecticide pollutants | | | |
| RNA content and function | | Abnormality | | | |
| Migrations | | Poeciliidae | | | |
| Salmonidae | | <i>Poecilia reticulata</i> | 807805 | | |
| <i>Oncorhynchus gorbuscha</i> | 807654 | Herbicide pollutants | | | |
| Ion and water relationships | | Histology | | | |
| Biochemistry | | Centrarchidae | | | |
| Cyprinidae | | <i>Lepomis microlophus</i> | 807781 | | |
| <i>Carassius auratus</i> | 804125 | Abnormality | | | |
| Adenohypophysis | | Centrarchidae | | | |
| Experimental analysis | | <i>Lepomis microlophus</i> | 807781 | | |
| Poeciliidae | | Milt | | | |
| <i>Poecilia reticulata</i> | 804749 | Ion and water relationships | | | |
| Developmental analysis | | Biochemistry | | | |
| Poeciliidae | | Cyprinidae | | | |
| <i>Poecilia reticulata</i> | 806561 | <i>Carassius auratus</i> | 804125 | | |
| Androgens | | Protamine | | | |
| Poeciliidae | | Biochemistry | | | |
| <i>Poecilia reticulata</i> | 806561 | Salmonidae | | | |
| Gonadotropin | | <i>Salmo gairdneri</i> | 803521 | | |
| Histology | | | | | |
| Blenniidae | | Spermatogenesis | | | |
| <i>Blennius sphinx</i> | 805159 | Petromyzontomorpha | 809078 | | |
| Experimental analysis | | <i>Mordacia mordax</i> | 804395 | | |
| Blenniidae | | <i>Mordacia praecox</i> | 804395 | | |
| <i>Blennius sphinx</i> | 805159 | | 807633 | | |
| Embrioticidae | | Elasmobranchii | 809078 | | |
| <i>Cymatogaster aggregata</i> | 803813 | Squalidae | | | |
| Salmonidae | | <i>Squalus acanthias</i> | 803574 | | |
| <i>Salmo gairdneri</i> | 803675 | | 805732 | | |
| Adrenal cortex | | Teleostei | 809078 | | |
| Experimental analysis | | Cichlidae | | | |
| Salmonidae | | <i>Tilapia leucosticta</i> | 804042 | | |
| <i>Oncorhynchus nerka</i> | 807530 | <i>Tilapia mossambica</i> | 804945 | | |
| Mesentery | | Serranidae | | | |
| Anatomy | | <i>Epinephelus morio</i> | 806260 | | |
| Carcharhinidae | | Poeciliidae | | | |
| <i>Triaenodon obesus</i> | 807215 | <i>Poecilia reticulata</i> | 804162 | | |
| Development | | Bagridae | | | |
| Carcharhinidae | | <i>Mystus vittatus</i> | 806381 | | |
| <i>Triaenodon obesus</i> | 807215 | Heteropneustidae | | | |
| Estrogens | | <i>Heteropneustes fossilis</i> | 805447 | | |
| Experimental analysis | | Siluridae | | | |
| Heteropneustidae | | <i>Wallagonia attu</i> | 806381 | | |
| <i>Heteropneustes fossilis</i> | 805448 | Cytology | | | |
| Developmental analysis | | Mullidae | | | |
| Belontiidae | | <i>Upeneus prayensis</i> | 803649 | | |
| <i>Macropodus opercularis</i> | 804697 | Salmonidae | | | |
| Cichlidae | | <i>Oncorhynchus</i> | 806309 | | |
| <i>Hemihaplochromis multicolor</i> | 804174 | <i>Salmo salar</i> | 806309 | | |
| Spermatogenesis | | Ultrastructure | | | |
| Histology | | Mullidae | | | |
| Cyprinodontidae | | <i>Upeneus prayensis</i> | 803649 | | |
| <i>Fundulus heteroclitus</i> | 806896 | Cottidae | | | |
| Experimental analysis | | <i>Oligocottus maculosus</i> | 804068 | | |
| Cyprinodontidae | | Poeciliidae | | | |
| <i>Fundulus heteroclitus</i> | 806896 | <i>Poecilia reticulata</i> | 807063 | | |
| Androgens | | Development | | | |
| Experimental analysis | | Experimental analysis | | | |
| Poeciliidae | | Poeciliidae | | | |
| <i>Poecilia reticulata</i> | 804750 | <i>Poecilia sphenops</i> | 806610 | | |
| Developmental analysis | | DNA content and function | | | |
| Cichlidae | | Biochemistry | | | |
| <i>Hemihaplochromis multicolor</i> | 804174 | Salmonidae | | | |
| Change with age | | <i>Salmo gairdneri</i> | 803675 | | |
| Histology | | | 804664 | | |
| Poeciliidae | | | | | |
| <i>Poecilia reticulata</i> | 806582 | | | | |

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| Classers | | Acipenseromorpha | 807660 | Reproductive system (continued) |
| Scyliorhinidae | | Acipenser | 807691 | |
| Sexually dimorphic fins | | Huso huso | 804075 | |
| Teleostei | | Teleostei | 804708 | |
| Poeciliidae | | Mugiloidae | 805078 | |
| <i>Poecilia reticulata</i> | 806561 | <i>Liza macrolepis</i> | 805458 | |
| Sexually dimorphic fins | | <i>Mugil saliens</i> | 808300 | |
| Belontiidae | | Nototheniidae | 807663 | |
| <i>Trichogaster leeri</i> | 805840 | Carangidae | | |
| Oryziatidae | | <i>Seriola quinqueradiata</i> | 806587 | |
| <i>Oryzias latipes</i> | 805258 | Cichlidae | | |
| | 805259 | <i>Hemihaplochromis multicolor</i> | 804708 | |
| Poeciliidae | | <i>Tilapia esculenta</i> | 808976 | |
| <i>Xiphophorus</i> | 806492 | <i>Tilapia leucosticta</i> | 804042 | |
| Fry | | <i>Tilapia mossambica</i> | 806116 | |
| Cichlidae | | <i>Tilapia variabilis</i> | 808976 | |
| <i>Hemihaplochromis multicolor</i> | 804174 | Embiotocidae | | |
| Sex reversal | | <i>Cymatogaster aggregata</i> | 806859 | |
| Cichlidae | | Leiognathidae | | |
| <i>Hemihaplochromis multicolor</i> | 805184 | <i>Leiognathus splendens</i> | 804282 | |
| Oryziatidae | | Percidae | | |
| <i>Oryzias latipes</i> | 809080 | <i>Perca fluviatilis</i> | 806440 | |
| Regeneration | | <i>Percina notogramma</i> | 807600 | |
| Poeciliidae | | <i>Percina peltata</i> | 807600 | |
| <i>Poecilia reticulata</i> | 806867 | Sciaenidae | | |
| Activity patterns | | <i>Pseudosciaenops coibor</i> | 808586 | |
| Teleostei | 809079 | <i>Pseudosciaenops diacanthus</i> | 808570 | |
| Habitat preference | | Serranidae | | |
| Centrarchidae | | <i>Lateolabrax japonicus</i> | 806238 | |
| <i>Lepomis megalotis</i> | 806248 | <i>Morone mississippiensis</i> | 808901 | |
| Aggressive behavior | | <i>Paralabrax clathratus</i> | 807229 | |
| Teleostei | 809079 | Istiophoridae | 807189 | |
| Centrarchidae | | <i>Tetraodon angustirostris</i> | 808474 | |
| <i>Lepomis gibbosus</i> | 806248 | Scombridae | 808474 | |
| <i>Lepomis megalotis</i> | 806248 | <i>Thunnus</i> | 808147 | |
| Reproduction | | <i>Thunnus albacares</i> | 808279 | |
| Oryziatidae | | <i>Thunnus obesus</i> | 808279 | |
| <i>Oryzias latipes</i> | 805259 | Trichiuridae | | |
| Courtship | | <i>Paradiplaspinus gracilis</i> | 807663 | |
| Teleostei | 809079 | Pleuronectidae | | |
| Mating | | <i>Hippoglossus hippoglossus</i> | 805331 | |
| Oryziatidae | | <i>Reinhardtius hippoglossoides</i> | 807106 | |
| <i>Oryzias latipes</i> | 804345 | Agonidae | | |
| Nest construction | | <i>Agonus cataphractus</i> | 807955 | |
| Teleostei | 809079 | Cottidae | | |
| Centrarchidae | | <i>Cottus beldingi</i> | 808721 | |
| <i>Lepomis gibbosus</i> | 806248 | Scorpaenidae | | |
| <i>Lepomis megalotis</i> | 806248 | Sebastes | 807924 | |
| Parental care of eggs | | Atherinidae | | |
| Teleostei | 809079 | <i>Atherina mochon</i> | 808300 | |
| Milt | | Cyprinodontidae | | |
| Cyprinidae | | <i>Fundulus heteroclitus</i> | 807038 | |
| <i>Carassius auratus</i> | 804543 | Poeciliidae | | |
| Enzymology | | <i>Poecilia reticulata</i> | 804162 | |
| Development | | <i>Xiphophorus helleri</i> | 805035 | |
| Embiotocidae | | Scomberesocidae | | |
| <i>Cymatogaster aggregata</i> | 803814 | <i>Scomberesox saurus</i> | 805337 | |
| Developmental analysis | | Clupeidae | | |
| Cyprinodontidae | | <i>Brevortia smithi</i> | 804437 | |
| <i>Fundulus heteroclitus</i> | 805029 | <i>Brevortia tyrannus</i> | 804437 | |
| Intermediary metabolism | | <i>Brevortia tyrannus X</i> | | |
| Experimental analysis | | <i>Brevortia smithi X</i> | 804437 | |
| Rajidae | | <i>Clupea harengus</i> | 805063 | |
| <i>Raja radiata</i> | 804428 | | 805301 | |
| Biochemical blood constituents | 805169 | | 805305 | |
| Biochemistry | | | 807733 | |
| Rajidae | | | 807741 | |
| <i>Raja radiata</i> | 804538 | | 807897 | |
| Ovarian endocrine tissue | | | 807898 | |
| Enzymology | | | 807899 | |
| Poeciliidae | | | 807900 | |
| <i>Poecilia reticulata</i> | 805174 | | 808050 | |
| Aggressive behavior | | | 808053 | |
| Experimental analysis | | | 808054 | |
| Centrarchidae | | | 808055 | |
| <i>Lepomis gibbosus</i> | 805173 | | 808056 | |
| Cichlidae | | | 808103 | |
| <i>Tilapia mossambica</i> | 805173 | | 808105 | |
| Nest construction | | | 808108 | |
| Experimental analysis | | | 808111 | |
| Centrarchidae | | | 808113 | |
| <i>Lepomis gibbosus</i> | 805173 | | 808917 | |
| Cichlidae | | | 809060 | |
| <i>Tilapia mossambica</i> | 805173 | <i>Ethmalosa fimbriata</i> | 806743 | |
| Milt | | <i>Opisthonema oglinum</i> | 807033 | |
| Developmental analysis | | <i>Sardinella longiceps</i> | 807079 | |
| Cyprinidae | | Engraulidae | | |
| <i>Carassius auratus</i> | 804543 | <i>Engraulis ringens</i> | 805701 | |
| Testicular cycles | | Catostomidae | 808166 | |
| Petromyzontomorpha | | <i>Catostomus catostomus</i> | 807422 | |
| <i>Caspiomyzon wagneri</i> | 807755 | Cyprinidae | | |
| Elasmobranchii | 809078 | <i>Abramis brama</i> | 807749 | |

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|------------------------------------|---------------------------------|--------|--------------------------------|--------|
| Reproductive system (continued) | <i>Barbus pleurogramma</i> | 804708 | Captive vs natural fishes | |
| | <i>Barbus kersteni</i> | 804708 | Cichlidae | |
| | <i>Cyprinus carpio</i> | 807749 | <i>Tilapia leuosticta</i> | 805587 |
| | <i>Notropis stramineus</i> | 807832 | Milt | |
| | <i>Rhinichthys atratulus</i> | 807833 | Seasonal changes | |
| | <i>Zacco platypus</i> | 806232 | Cyprinidae | |
| Ariidae | | | <i>Leuciscus cephalus</i> | 806441 |
| | <i>Arius heudeloti</i> | 804552 | Seminal vesicles | |
| Bagridae | | | Teleostei | |
| | <i>Mystus tengara</i> | 804668 | Gobiidae | 809078 |
| Mormyridae | | 803915 | <i>Thorogobius ephippiatus</i> | 805403 |
| Gadidae | | | Adenohypophysis | |
| | <i>Boreogadus saida</i> | 806342 | Experimental analysis | |
| | <i>Gadus morhua</i> | 808035 | Heteropneustidae | |
| | <i>Lota lota</i> | 808091 | <i>Heteropneustes fossilis</i> | 806288 |
| | <i>Micromesistius australis</i> | 806834 | Growth hormone | |
| Merlucciidae | | 807663 | Experimental analysis | |
| | <i>Merluccius merluccius</i> | 808297 | Heteropneustidae | |
| Zoaridae | | | <i>Heteropneustes fossilis</i> | 806288 |
| | <i>Lycodopsis pacifica</i> | 807500 | Prolactin | |
| Argentinidae | | | Heteropneustidae | |
| | <i>Argentina sphyraena</i> | 804534 | <i>Heteropneustes fossilis</i> | 809072 |
| Salmonidae | | | Prolactin | |
| | | 808471 | Experimental analysis | |
| | | 808472 | Heteropneustidae | |
| | | 808982 | <i>Heteropneustes fossilis</i> | 806288 |
| | <i>Oncorhynchus keta</i> | 804119 | Testis | |
| | | 805229 | Experimental analysis | |
| | <i>Oncorhynchus masou</i> | 807116 | Heteropneustidae | |
| | <i>Oncorhynchus nerka</i> | 805939 | <i>Heteropneustes fossilis</i> | 805704 |
| | <i>Prosopium cylindraceum</i> | 807774 | | 805705 |
| | <i>Salmo salar</i> | 806028 | Adenohypophysis | |
| | <i>Salmo trutta</i> | 804048 | Heteropneustidae | |
| | | 805714 | <i>Heteropneustes fossilis</i> | 805704 |
| | <i>Stenodus leucichthys</i> | 806835 | | 805705 |
| | <i>Thymallus thymallus</i> | 805983 | Adrenal cortex | |
| Anatomy | | | Heteropneustidae | |
| | Pangasiidae | | <i>Heteropneustes fossilis</i> | 805705 |
| | <i>Pangasius pangasius</i> | 808572 | Androgens | |
| Histology | | | Experimental analysis | |
| | Acipenseromorpha | | Heteropneustidae | |
| | <i>Acipenser gueldenstaedti</i> | 807727 | <i>Heteropneustes fossilis</i> | 805706 |
| | Gobiidae | | | 806228 |
| | <i>Aphia minuta</i> | 807992 | Adenohypophysis | |
| Cichlidae | | | Heteropneustidae | |
| | <i>Tilapia mossambica</i> | 804945 | <i>Heteropneustes fossilis</i> | 805706 |
| Salmonidae | | | Adrenal cortex | |
| | <i>Oncorhynchus gorbuscha</i> | 808909 | Heteropneustidae | |
| Biochemistry | | | <i>Heteropneustes fossilis</i> | 805706 |
| | Embiotocidae | | Seasonal changes | |
| | <i>Cymatogaster aggregata</i> | 803814 | Histology | |
| Adaptation | | | Bagridae | |
| | Salmonidae | | <i>Mystus tengara</i> | 804668 |
| | <i>Oncorhynchus</i> | 806309 | Function | |
| | <i>Salmo salar</i> | 806309 | Bagridae | |
| Effect on fish | | | <i>Mystus tengara</i> | 804668 |
| Seasonal sexual coloration | | | Heteropneustidae | |
| Gasterosteidae | | | <i>Heteropneustes fossilis</i> | 804903 |
| | <i>Gasterosteus aculeatus</i> | 808336 | Experimental analysis | |
| Protein content | | | Heteropneustidae | |
| | Channiformes | | <i>Heteropneustes fossilis</i> | 804903 |
| | <i>Channa punctatus</i> | 808994 | Sperm duct | |
| Adenohypophysis | | | Anatomy | |
| Experimental analysis | | | Dipnoi | |
| Cyprinodontidae | | | <i>Neoceratodus forsteri</i> | 806765 |
| | <i>Fundulus heteroclitus</i> | 806896 | Function | |
| Cortisol | | | Elasmobranchii | 809078 |
| Experimental analysis | | | Teleostei | 809078 |
| Cyprinodontidae | | | Development | |
| | <i>Fundulus heteroclitus</i> | 806896 | Elasmobranchii | 809078 |
| Juvenile | | | Teleostei | 809078 |
| | Salmonidae | | Function | |
| | <i>Oncorhynchus masou</i> | 804953 | Experimental analysis | |
| Ecotypes | | | Poeciliidae | |
| Larva | | | <i>Poecilia reticulata</i> | 805195 |
| | Petromyzontomorpha | | Androgens | |
| | <i>Petromyzon marinus</i> | 805966 | Developmental analysis | |
| Living space | | | Poeciliidae | |
| Experimental analysis | | | <i>Poecilia reticulata</i> | 806561 |
| Cyprinidae | | | Seasonal changes | |
| | <i>Cyprinus carpio</i> | 808245 | Anatomy | |
| Temperature | | | Serranidae | |
| Experimental analysis | | | <i>Lateolabrax japonicus</i> | 806238 |
| | Gasterosteidae | | Histology | |
| | <i>Gasterosteus aculeatus</i> | 805156 | Serranidae | |
| | Cyprinodontidae | | <i>Lateolabrax japonicus</i> | 806238 |
| | <i>Fundulus heteroclitus</i> | 805400 | Function | |
| | | 806896 | Serranidae | |
| Light | | | <i>Lateolabrax japonicus</i> | 806238 |
| | | | Milt | |
| | | | Biochemistry | |
| | | | Development | |
| | | | Bagridae | |
| | | | <i>Mystus tengara</i> | 804668 |

| Male genital papilla | | Polyneimidei | | Reproductive system |
|----------------------------------|--------|------------------------------------|--------|---------------------|
| Blenniidae | | <i>Polydactylus plebeius</i> | 804280 | (continued) |
| <i>Blennius dalmatinus</i> | 804715 | <i>Polydactylus xanthonemus</i> | 804280 | |
| Gobiidae | | Salmonidae | | |
| <i>Thorogobius ephippiatus</i> | 805403 | <i>Coregonus clupeaformis</i> | 807508 | |
| Anatomy | | Anatomy | | Sexual dimorphism |
| Function | | Bothidae | | |
| Cetopsidae | | <i>Citharichthys cornutus</i> | 807596 | |
| <i>Pseudocetopsis gobioides</i> | 804055 | Histology | | |
| Doradidae | | Mugiloidae | | |
| <i>Glanidium albescent</i> | 804055 | <i>Mugil saliens</i> | 807993 | |
| <i>Trachycorystes</i> | 804055 | Serranidae | | |
| Pimelodontidae | | <i>Epinephelus morio</i> | 806260 | |
| <i>Pimelodella</i> | 804055 | Function | | |
| <i>Pimelodella griffini</i> | 804055 | Teleostei | 809080 | |
| Function | | Developmental analysis | | |
| Cichlidae | | Teleostei | 809080 | |
| <i>Tilapia variabilis</i> | 808842 | Change with age | | |
| Progestins | | Serranidae | | |
| Experimental analysis | | <i>Epinephelus morio</i> | 806260 | |
| <i>Oryziatidae</i> | | Histology | | |
| <i>Oryzias latipes</i> | 805259 | Bothidae | | |
| Androgens | | <i>Citharichthys cornutus</i> | 807596 | |
| Experimental analysis | | Development | | |
| <i>Oryziatidae</i> | | Descriptive evolution | | |
| <i>Oryzias latipes</i> | 805259 | Sparidae | 808635 | |
| Copulatory organs | | Descriptive evolution | | |
| Elasmobranchii | | Teleostei | 807927 | |
| Teleostei | | Estrogens | | |
| Embiotocidae | | Experimental analysis | | |
| <i>Ditrema temminckii</i> | 806224 | Synbranchidae | | |
| <i>Ditrema viridis</i> | 806224 | <i>Monopterus albus</i> | 804548 | |
| Auchenipteridae | 807129 | Ovarian cycles | | |
| Penis | | Development | | |
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| Auchenipteridae | | Testicular cycles | | |
| <i>Auchenipterus osteomystax</i> | 806918 | Sparidae | 808636 | |
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| <i>Aphyonus gelatinosus</i> | 805709 | Experimental analysis | | |
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| <i>Nybelina eriksoni</i> | 805709 | Testicular cycles | | |
| Development | | Development | | |
| Ophidiidae | | Sparidae | 808638 | |
| <i>Barathronus bicolor</i> | 805709 | Change with age | | |
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| <i>Raja ocellifera</i> | 806546 | Radioactivity | | |
| Scyliorhinidae | | Experimental analysis | | |
| <i>Galeus piperatus</i> | 805095 | <i>Oryzias latipes</i> | 807580 | |
| Hexanchiformes | | Seasonal changes | | |
| <i>Hexanchus vitulus</i> | 803737 | Serranidae | | |
| Function | | <i>Serranus hepatus</i> | 807330 | |
| Carcharhinidae | | Captive vs natural fishes | | |
| <i>Scoliodon sorrakowah</i> | 808368 | Development | | |
| Androgens | | Anguillidae | | |
| Developmental analysis | | <i>Anguilla japonica</i> | 808948 | |
| Scyliorhinidae | | Synchronous hermaphroditism | | |
| <i>Scyliorhinus caniculus</i> | 806290 | Pseudogrammidiae | | |
| Allometry | | <i>Pseudogrammus bermudensis</i> | 806539 | |
| Development | | Protogynous hermaphroditism | | |
| Scyliorhinidae | | Serranidae | | |
| <i>Scyliorhinus caniculus</i> | 806518 | <i>Epinephelus morio</i> | 806260 | |
| Gonopodium | | Sparidae | | |
| Poeciliidae | | <i>Sparus caeruleostictus</i> | 805663 | |
| <i>Xiphophorus clemenciae</i> | 807184 | <i>Spondylisoma cantharus</i> | 805663 | |
| <i>Xiphophorus couchianus</i> | 807184 | Experimental analysis | | |
| <i>Xiphophorus helleri</i> | 807184 | Synbranchidae | | |
| Abnormality | | <i>Monopterus albus</i> | 804548 | |
| Poeciliidae | | Adaptive evolution | | |
| <i>Xiphophorus helleri</i> | 805790 | Emmelichthyidae | | |
| Developmental analysis | | <i>Macna smar</i> | 807657 | |
| Androgens | | Protandrous hermaphroditism | | |
| Poeciliidae | | Sparidae | | |
| <i>Poecilia reticulata</i> | 806561 | <i>Dentex macrocephalus</i> | 805663 | |
| Regeneration | | <i>Mylio macrocephalus</i> | 805619 | |
| Experimental analysis | | <i>Pagellus acarne</i> | 805663 | |
| Poeciliidae | | Polyneimidei | | |
| <i>Poecilia reticulata</i> | 806867 | <i>Polydactylus sextarius</i> | 804280 | |
| Spermatophore | | Ovarian cycles | | |
| Ophidiidae | 805709 | Testicular cycles | | |
| Hermaphroditic gonads | | Sparidae | 808636 | |
| | 807887 | | 808637 | |
| Gerreidae | | Sexual dimorphism | | |
| <i>Gerres oyena</i> | 804287 | Labridae | | |
| Sparidae | | <i>Labrichthys ornatus</i> | 804183 | |
| <i>Pagrus ehrenbergi</i> | 805663 | Centrarchidae | | |
| | | <i>Leiognathus macrochirus</i> | 804762 | |

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|------------------------------------|-------------------------------------|--------|--------------------------------------|--------|
| Reproductive system (continued) | Percidae | | <i>Hippoglossoides platessoides</i> | 807417 |
| | <i>Percina evides</i> | 807000 | <i>Hippoglossus hippoglossus</i> | 805331 |
| Sexual dimorphism | <i>Stizostedion lucioperca</i> | 806591 | <i>Lepidopsetta bilineata</i> | 807906 |
| | Pomacentridae | | <i>Limanda aspera</i> | 804116 |
| | <i>Dasyllus carneus</i> | 804023 | <i>Limanda ferruginea</i> | 807860 |
| | Dactyloscopidae | | <i>Parophrys vetulus</i> | 805945 |
| | <i>Dactyloscopus byersi</i> | 807571 | | 805946 |
| | Bothidae | 808003 | | 805947 |
| | <i>Citharichthys cornutus</i> | 807596 | <i>Platichthys flesus</i> | 805334 |
| | Cyprinodontidae | | <i>Pleuronectes platessa</i> | 805332 |
| | <i>Procatopus aberrans</i> | 804170 | <i>Pseudopleuronectes americanus</i> | 807860 |
| | <i>Procatopus nototaenia</i> | 804170 | Agonidae | |
| | Cyprinidae | | <i>Agonus cataphractus</i> | 807955 |
| | <i>Barbus kolus</i> | 808571 | Hexagrammidae | |
| | Ictaluridae | | <i>Ophiodon elongatus</i> | 807904 |
| | <i>Noturus</i> | 807152 | Scorpaenidae | |
| | Gobiesociformes | | <i>Sebastes mentella</i> | 807713 |
| | <i>Derilissus nanus</i> | 807594 | Cyprinodontidae | |
| | Aplocheilichthys | | <i>Fundulus catenatus</i> | 804862 |
| | <i>Lovettia seali</i> | 807632 | <i>Fundulus stelleri</i> | 804862 |
| | Galaxiidae | 807632 | Poeciliidae | |
| | Retrophrynidae | 807632 | <i>Gambusia affinis</i> | 806635 |
| | Salmonidae | | <i>Xiphophorus helleri</i> | 805035 |
| | <i>Prosopium cylindraceum</i> | 807774 | Clupeidae | |
| | Stomiidae | | <i>Alosa aestivalis</i> | 807861 |
| | <i>Stomias</i> | 808749 | <i>Alosa pseudoharengus</i> | 807861 |
| | Function | | <i>Caspialosa kessleri</i> | 807679 |
| | Cichlidae | | Engraulidae | |
| | <i>Tilapia</i> | 804920 | <i>Engraulis mordax</i> | 807890 |
| | Body form | | Anguillidae | |
| | Pleuronectidae | | <i>Anguilla australis</i> | 804559 |
| | <i>Reinhardtius hippoglossoides</i> | 807767 | | 804829 |
| | Meristius | | <i>Anguilla dieffenbachii</i> | 804559 |
| | Salmonidae | | | 804829 |
| | <i>Oncorhynchus nerka</i> | 808747 | Characidae | |
| | Pars distalis | | <i>Alestes baremoze</i> | 808021 |
| | Experimental analysis | | <i>Alestes macrophthalmus</i> | 804392 |
| | Petromyzontomorpha | | Catostomidae | |
| | <i>Lampetra fluviatilis</i> | 803815 | Cyprinidae | |
| | Estrogens | | <i>Abramis brama</i> | 806416 |
| | Experimental analysis | | | 807709 |
| | Teleostei | 809080 | | 807749 |
| | Cichlidae | | <i>Barbus kersteni</i> | 804708 |
| | <i>Hemihaplochromis multicolor</i> | 804174 | <i>Blicca bjoerkna</i> | 807291 |
| | Interstitial tissue | | <i>Cyprinus carpio</i> | 804444 |
| | Experimental analysis | | <i>Gobio gobio</i> | 805342 |
| | Gasterosteidae | | <i>Leuciscus cephalus</i> | 805963 |
| | <i>Gasterosteus aculeatus</i> | 809062 | <i>Leuciscus leuciscus</i> | 805963 |
| | Androgens | | <i>Varicorhinus capota</i> | 807734 |
| | Experimental analysis | | Ariidae | |
| | Teleostei | 809080 | <i>Osteogobius militaris</i> | 808577 |
| | Cichlidae | | Ictaluridae | |
| | <i>Hemihaplochromis multicolor</i> | 804174 | <i>Hiodon alosoides</i> | 806635 |
| | Population density | | Gadidae | |
| | Experimental analysis | | <i>Boreogadus saida</i> | 806342 |
| | Gasterosteidae | | <i>Lota lota</i> | 806635 |
| | <i>Gasterosteus aculeatus</i> | 809062 | <i>Micromesistius poutassou</i> | 808045 |
| | Sexually dimorphic size | | Zoarcidae | |
| | Petromyzontomorpha | | <i>Lycodopsis pacifica</i> | 807500 |
| | <i>Caspiomyzon wagneri</i> | 807755 | Percopsidae | |
| | <i>Lampetra mariae</i> | 807664 | <i>Percopsis omiscomaycus</i> | 806635 |
| | <i>Lampetra planeri</i> | 807664 | Esocidae | |
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| | <i>Raja georgiana</i> | 807663 | Salmonidae | |
| | Acipenseromorpha | 806635 | <i>Coregonus peled</i> | 806635 |
| | Amniomorpha | | <i>Oncorhynchus tshawytscha</i> | 807668 |
| | <i>Amia calva</i> | 806635 | <i>Salmo gairdneri</i> | 808657 |
| | Semionotomorpha | 806635 | <i>Salmo mykiss</i> | 807521 |
| | Anarhichadidae | 806559 | <i>Salmo penshinensis</i> | 807714 |
| | Mugiloidae | | <i>Salmo trutta</i> | 804048 |
| | <i>Mugil cephalus</i> | 806236 | <i>Salvelinus alpinus</i> | 805541 |
| | Cichlidae | 804217 | <i>Stenodus leucichthys</i> | 806835 |
| | Percidae | | | |
| | <i>Percus fluviatilis</i> | 804896 | Experimental analysis | |
| | <i>Stizostedion canadense</i> | 804525 | Ictaluridae | |
| | <i>Stizostedion vitreum</i> | 803586 | <i>Ictalurus melas</i> | 807779 |
| | | 808802 | Descriptive evolution | |
| | Sciaenidae | | Protogynous hermaphroditism | |
| | <i>Cynoscion petranus</i> | 804304 | Teleostei | |
| | <i>Pseudotolithus senegalensis</i> | 806750 | Protandrous hermaphroditism | |
| | | 808648 | Teleostei | 807927 |
| | Serranidae | | Age at maturity | |
| | <i>Epinephelus morio</i> | 806260 | Polymorphism | |
| | Sparidae | | Salmonidae | |
| | <i>Stenotomus chrysops</i> | 807558 | <i>Salvelinus leucomaenis</i> | 807768 |
| | Istiophoridae | | Sexually dimorphic body form | |
| | <i>Makaira nigricans</i> | 807932 | Synbranchidae | |
| | Scombridae | | <i>Syngnathus scovelli</i> | 807017 |
| | <i>Thunnus alalunga</i> | 808652 | Cottidae | |
| | Trichiuridae | | <i>Cottus gobio</i> | 804053 |
| | <i>Lepidopus caudatus</i> | 808130 | <i>Cottus poecilopus</i> | 804053 |
| | Pleuronectidae | 807904 | | |

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| Cyprinidae | | Brood pouch | | Reproductive system |
| <i>Leuciscus cephalus</i> | 808441 | Ultrastructure | | (continued) |
| Pangasiidae | | Function | | |
| <i>Pangasius pangasius</i> | 808572 | Syngnathidae | | |
| Salmonidae | | <i>Hippocampus kuda</i> | 805736 | |
| <i>Salmo trutta</i> | 808219 | Prolactin | | Sexual dimorphism |
| Function | | Experimental analysis | | |
| Teleostei | 807979 | Syngnathidae | | |
| Snout | | <i>Hippocampus</i> | 809072 | |
| Zoaridae | | Nuptial tubercles | | |
| <i>Lycodopsis pacifica</i> | 807500 | Cyprinodontidae | | |
| Permanent sexual coloration | | <i>Fundulus catenatus</i> | 804862 | |
| Gobiidae | 808791 | <i>Fundulus stelleri</i> | 804862 | |
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| <i>Acanthocephala limbata</i> | 806178 | <i>Catostomus platyrhynchus</i> | 807795 | |
| <i>Cepola abbreviata</i> | 806178 | Cyprinidae | 806041 | |
| Cyclopteridae | | <i>Leuciscus leuciscus</i> | 805972 | |
| <i>Eumicrotremus orbis</i> | 807553 | <i>Notropis ariomus</i> | 807614 | |
| Development | | <i>Notropis telescopus</i> | 807614 | |
| Cichlidae | | <i>Zacco platypus</i> | 806232 | |
| <i>Pseudotropheus auratus</i> | 806134 | Anatomy | | |
| <i>Pseudotropheus fuscus</i> | 806134 | Percidae | 806868 | |
| <i>Pseudotropheus zebra</i> | 806134 | Characiformes | 806868 | |
| Pigment chemistry | | Cypriniformes | 806868 | |
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| Experimental analysis | | Salmoniformes | 806868 | |
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| Experimental analysis | | <i>Raja naevus</i> | 806420 | |
| Cichlidae | | Scyliorhinidae | | |
| <i>Tilapia leucosticta</i> | 804042 | <i>Galeus piperatus</i> | 805095 | |
| Androgens | | Gobiidae | | |
| Experimental analysis | | <i>Gobiosoma polyporosum</i> | 807617 | |
| Centrarchidae | | Change with age | | |
| <i>Lepomis gibbosus</i> | 806248 | Gobiidae | | |
| <i>Lepomis megalotis</i> | 806248 | <i>Evorthodus lyricus</i> | 808791 | |
| Poeciliidae | | Sexually dimorphic fins | | |
| <i>Poecilia reticulata</i> | 804750 | Clinidae | | |
| Developmental analysis | | <i>Paracrinus fehlmanni</i> | 806776 | |
| Poeciliidae | | Cichlidae | | |
| <i>Poecilia reticulata</i> | 806561 | <i>Haplochromis</i> | 806349 | |
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| Scariidae | 807610 | <i>Richardsonius egius</i> | 808730 | |
| Intraspecific variation | | Mormyridae | 803915 | |
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| <i>Aphyosemion bivittatum</i> | 806088 | Function | | |
| <i>Procatopus nototaenia</i> | 806088 | Developmental analysis | | |
| Living space | | Poeciliidae | | |
| Experimental analysis | | <i>Poecilia velifera</i> | 806142 | |
| Centrarchidae | | Androgens | | |
| <i>Lepomis megalotis</i> | 806248 | Poeciliidae | | |
| Seasonal sexual coloration | | <i>Poecilia velifera</i> | 806142 | |
| Gasterosteidae | | Developmental analysis | | |
| <i>Gasterosteus wheatlandi</i> | 807473 | Poeciliidae | | |
| Gobiidae | 804901 | <i>Xiphophorus</i> | 806492 | |
| Serranidae | | Descriptive evolution | | |
| <i>Paralabrax clathratus</i> | 807229 | Poeciliidae | | |
| Catostomidae | | <i>Xiphophorus</i> | 806492 | |
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| Cyprinidae | | Dactyloscopidae | | |
| <i>Notropis xanthicara</i> | 808404 | <i>Dactyloscopus hyersi</i> | 807571 | |
| <i>Oxygaster bacala</i> | 806901 | Cyprinodontidae | | |
| <i>Ptychocheilus oregonensis</i> | 807786 | <i>Fundulus catenatus</i> | 804862 | |
| <i>Richardsonius egius</i> | 808730 | <i>Fundulus stelleri</i> | 804862 | |
| <i>Zacco platypus</i> | 806232 | Cyprinidae | | |
| Function | | <i>Barbus kolus</i> | 808571 | |
| Experimental analysis | | Pantodontidae | | |
| Gasterosteidae | | <i>Pantodon buchholzi</i> | 804528 | |
| <i>Gasterosteus aculeatus</i> | 808956 | Anatomy | | |
| Adaptive evolution | | Cyprinidae | | |
| Inheritance | | <i>Zacco platypus</i> | 806232 | |
| Gasterosteidae | | Development | | |
| <i>Gasterosteus aculeatus</i> | 807543 | Cyprinidae | | |
| Geographic variation | | <i>Zacco platypus</i> | 806232 | |
| Gasterosteidae | | Seasonal changes | | |
| <i>Gasterosteus aculeatus</i> | 807543 | Embiotocidae | | |
| Temperature | | <i>Ditrema temmincki</i> | 806224 | |
| Experimental analysis | | <i>Ditrema viridis</i> | 806224 | |
| Gasterosteidae | | Pectoral fins | | |
| <i>Gasterosteus aculeatus</i> | 808336 | Cobitidae | | |
| Light | 808337 | <i>Cobitis sibirica</i> | 807644 | |
| Experimental analysis | | <i>Cobitis taenia</i> | 807644 | |
| Gasterosteidae | | Caudal fin | | |
| <i>Gasterosteus aculeatus</i> | 808336 | Allometry | | |
| Sexually dimorphic skin | 808337 | Poeciliidae | | |
| Cyclopteridae | | <i>Xiphophorus</i> | 807184 | |
| <i>Eumicrotremus orbis</i> | 807553 | Androgens | | |
| | | Experimental analysis | | |
| | | Belontiidae | | |
| | | <i>Trichogaster leeri</i> | 805840 | |

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|--------------------------------------|-------------------------------|--------|------------------------------------|--------|
| Reproductive system (continued) | Inheritance | | Centropomidae | |
| | Poeciliidae | | <i>Lates niloticus</i> | 804553 |
| Gibbous forehead | <i>Niphophorus</i> | 806492 | Cichlidae | |
| | Scaridae | 807610 | <i>Hemihaplochromis multicolor</i> | 804708 |
| Ontogeny | Cichlidae | | <i>Tilapia nilotica</i> | 805682 |
| | <i>Apistogramma gibbiceps</i> | 804714 | Emmelichthyidae | |
| | Sparidae | | <i>Macra smar</i> | 807657 |
| | <i>Pagrus pagrus</i> | 805663 | Pleuronectidae | |
| Sexually dimorphic blood cell counts | | | <i>Pleuronectes platessa</i> | 804860 |
| Salmonidae | | | Cyprinodontidae | |
| <i>Salmo gairdneri</i> | 804446 | | <i>Fundulus similis</i> | 803947 |
| Age at maturity | | | Muraenidae | |
| Salmonidae | | | <i>Gymnothorax nigromarginatus</i> | 808400 |
| <i>Oncorhynchus tshawytscha</i> | 807777 | | Catostomidae | |
| Sexually dimorphic gas bladder | | | <i>Moxostoma carinatum</i> | 804165 |
| Sciaenidae | | | Cyprinidae | |
| <i>Dendrophysa hooghtiensis</i> | 807575 | | <i>Oxygaster bacaila</i> | 806041 |
| Sexually dimorphic liver | | | Heteropneustidae | 806901 |
| Salmonidae | | | <i>Heteropneustes fossilis</i> | 806730 |
| <i>Salmo gairdneri</i> | 804446 | | Pangasiidae | |
| Seasonal changes | | | <i>Pangasius sutchi</i> | 808634 |
| Salmonidae | | | Merlucciidae | |
| <i>Coregonus lavaretus</i> | 807655 | | <i>Merluccius gayi</i> | 808165 |
| Biochemical sex differences | | | Esocidae | |
| Leiognathidae | | | <i>Esox lucius</i> | 807651 |
| <i>Leiognathus splendens</i> | 804282 | | Retropinnidae | |
| Lipid and fatty acid content | | | <i>Retropinna semoni</i> | 808295 |
| Osmeridae | | | Osmeridae | |
| <i>Mallotus villosus</i> | 807472 | | <i>Osmerus eperlanus</i> | 808647 |
| DNA content and function | | | Acclimation | |
| Migrations | | | Temperature | |
| Salmonidae | | | Esocidae | |
| <i>Oncorhynchus gorbusha</i> | 807654 | | <i>Esox lucius</i> | 806310 |
| RNA content and function | | | Osmeridae | |
| Migrations | | | <i>Osmerus eperlanus</i> | 806310 |
| Salmonidae | | | Hatching | |
| <i>Oncorhynchus gorbusha</i> | 807654 | | Petromyzontomorpha | |
| Axial skeletal muscles | | | <i>Lampetra richardsoni</i> | 807550 |
| Sciaenidae | | | Larva | |
| <i>Johnius dussumieri</i> | 806720 | | Development | |
| Hemoglobin | | | Pleuronectidae | |
| Salmonidae | | | <i>Platichthys flesus</i> | 803666 |
| <i>Salmo gairdneri</i> | 804446 | | <i>Pleuronectes platessa</i> | 803666 |
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| Salmonidae | | | Rate of growth | |
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| Seasonal changes | | | Natural mortality | |
| Cyprinidae | | | Cyprinidae | |
| <i>Abramis brama</i> | 805658 | | <i>Leuciscus cephalus</i> | 806441 |
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| Salmonidae | | | <i>Huso huso</i> | 806311 |
| <i>Salmo trutta</i> | 805714 | | Temperature | |
| Carotenoids | | | Experimental analysis | |
| Fat requirements | | | Salmonidae | |
| Experimental analysis | | | <i>Coregonus peled</i> | 804442 |
| Salmonidae | | | <i>Oncorhynchus nerka</i> | 807260 |
| <i>Oncorhynchus nerka</i> | 807115 | | <i>Salmo salar</i> | 804442 |
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| Agonidae | | | Experimental analysis | |
| <i>Agonus cataphractus</i> | 807955 | | Cyprinidae | 805894 |
| Poeciliidae | | | Esocidae | |
| <i>Poecilia reticulata</i> | 804360 | | <i>Esox lucius</i> | 805894 |
| Catostomidae | | | Oxygen deficiencies in habitat | |
| <i>Catostomus platyrhynchus</i> | 807795 | | Experimental analysis | |
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| <i>Oncorhynchus keta</i> | 808487 | | <i>Esox lucius</i> | 807758 |
| Gerontological pathologies | | | Amino acids | |
| Cyprinodontidae | | | Biochemistry | |
| <i>Cynolebias bellotti</i> | 808499 | | Salmonidae | |
| Sexually dimorphic photophore | | | <i>Oncorhynchus keta</i> | 805938 |
| Myctophidae | 809093 | | Deuterium | |
| General embryology | | | Experimental analysis | |
| Myxiniomorpha | | | Salmonidae | |
| <i>Myxine glutinosa</i> | 805136 | | <i>Salvelinus fontinalis</i> | 806734 |
| Elasmobranchii | 807683 | | | 806735 |
| | 809081 | | Histones | |
| Acipenseromorpha | 807683 | | Change with age | |
| | 808420 | | Biochemistry | |
| <i>Acipenser gueldenstaedti</i> | 808425 | | Cobitidae | |
| Teleostei | 805020 | | <i>Misgurnus fossilis</i> | 808998 |
| | 807683 | | Pactamycin | |
| | 809081 | | Protein synthesis | |
| Gobiidae | | | Experimental analysis | |
| <i>Gobius niger</i> | 805128 | | Cyprinodontidae | |
| Centrarchidae | | | <i>Fundulus heteroclitus</i> | 806793 |
| <i>Lepomis macrochirus</i> | 807867 | | RNA content and function | |
| <i>Lepomis macrochirus</i> X | | | Cyprinodontidae | |
| <i>Lepomis gibbosus</i> X | 807867 | | <i>Fundulus heteroclitus</i> | 806793 |

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| Serotonin | | Pigment chemistry | | | |
| Change with age | | Teleostei | 804441 | Ontogeny | (continued) |
| Biochemistry | | Thyroid hormone | | | |
| Cobitidae | | Biochemistry | | | |
| <i>Misgurnus fossilis</i> | 809092 | Acipenseromorpha | | | |
| Egg | | <i>Acipenser gueldenstaedti</i> | 807703 | | |
| Scyliorhinidae | | Experimental analysis | | | |
| <i>Galeus piperatus</i> | 805095 | Acipenseromorpha | | | |
| <i>Paraturus xanthurus</i> | 807206 | <i>Acipenser gueldenstaedti</i> | 807703 | | |
| Syngnathidae | | Fertilization | | | |
| <i>Syngnathus spicifer</i> | 805591 | Developmental analysis | | | |
| Pomacentridae | 806977 | Acipenseromorpha | | | |
| Serranidae | | <i>Acipenser stellatus</i> | 804004 | | |
| <i>Epinephelus morio</i> | 806260 | Oxidative metabolism | | | |
| Pleurocentridae | | Oryziatidae | | | |
| <i>Samaris cristatus</i> | 804137 | <i>Oryzias latipes</i> | 808004 | | |
| Cyclopteridae | | Seasonal abundance | | | |
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| Scorpaenidae | | <i>Argentina sphyraena</i> | 804534 | | |
| <i>Helicolenus dactylopterus</i> | 804212 | Vertical distribution | | | |
| Atherinidae | | Soleidae | | | |
| <i>Menidia extensa</i> | 807835 | <i>Trinectes maculatus</i> | 806872 | | |
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| <i>Thirra kammalensis</i> | 803746 | Pheromones | | | |
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| <i>Pantodon buchholzi</i> | 804528 | Acipenseromorpha | | | |
| Histology | | <i>Acipenser gueldenstaedti</i> | 803817 | | |
| Development | | <i>Acipenser stellatus</i> | 803817 | | |
| Acipenseromorpha | | Aminotransferases | | | |
| <i>Acipenser ruthenus</i> | 804942 | Enzymology | | | |
| <i>Huso huso</i> | 804942 | Biochemistry | | | |
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| Cyprinidae | | <i>Clupea harengus</i> | 809089 | | |
| <i>Carassius auratus</i> | 804943 | Gadidae | | | |
| Esocidae | | <i>Gadus morhua</i> | 809089 | | |
| <i>Esox lucius</i> | 803736 | <i>Melanogrammus aeglefinus</i> | 809089 | | |
| Identification | | Salmonidae | | | |
| Gobiidae | | <i>Salmo salar</i> | 809089 | | |
| <i>Gobius niger</i> | 805128 | Carotenoids | | | |
| <i>Gobius paganellus</i> | 805128 | Fat requirements | | | |
| Percidae | | Experimental analysis | | | |
| <i>Stizostedion canadense</i> | 804525 | Salmonidae | | | |
| Vertical distribution | | <i>Oncorhynchus nerka</i> | 807115 | | |
| Clupeidae | 804656 | Artificial rearing environments | | | |
| Seasonal abundance | 804656 | Salmonidae | | | |
| Clupeidae | | <i>Oncorhynchus nerka</i> | 807115 | | |
| Development | | Egg size | | | |
| Ultrastructure | | Perciformes | 804553 | | |
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| Cyprinidae | | <i>Percina notogramma</i> | 807600 | | |
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| Scombridae | | Cyprinodontidae | | | |
| <i>Euthynnus pelamis</i> | 803510 | <i>Fundulus kansae</i> | 807834 | | |
| Protein content | | Clupeidae | | | |
| Salmonidae | | <i>Alosa kessleri</i> | 807748 | | |
| <i>Oncorhynchus gorbuscha</i> | 803882 | <i>Clupea harengus</i> | 805981 | | |
| Lipid and fatty acid content | | Engraulidae | | | |
| Salmonidae | | <i>Stolephorus zollingeri</i> | 807694 | | |
| <i>Oncorhynchus gorbuscha</i> | 803882 | Cyprinidae | | | |
| Biochemistry | | <i>Cyprinus carpio</i> | 807690 | | |
| Belontiidae | | <i>Oxygaster bacalia</i> | 806901 | | |
| <i>Trichogaster trichopterus</i> | 804816 | <i>Rhinichthys atratulus</i> | 807833 | | |
| Developmental analysis | | Ariidae | | | |
| Salmonidae | 804956 | <i>Arius heudeloti</i> | 804552 | | |
| DNA content and function | | Mormyridae | | | |
| Experimental analysis | | <i>Petrocephalus</i> | 808970 | | |
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| <i>Misgurnus fossilis</i> | 807728 | <i>Salmo salar</i> | 807874 | | |
| Radioactivity | | Developing egg | | | |
| Cobitidae | | Change with age | | | |
| <i>Misgurnus fossilis</i> | 807728 | Pleuronectidae | | | |
| RNA content and function | | <i>Hippoglossoides classodon</i> | 808867 | | |
| Experimental analysis | | Change with age | | | |
| Cobitidae | | Percidae | | | |
| <i>Misgurnus fossilis</i> | 807728 | <i>Stizostedion vitreum</i> | 807460 | | |
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| Cobitidae | | Change with age | | | |
| <i>Misgurnus fossilis</i> | 807728 | Salmonidae | | | |
| Oxidative metabolism | | <i>Salmo gairdneri</i> | 806080 | | |
| Biochemistry | | Intraspecific variation | | | |
| Salmonidae | | Clupeidae | | | |
| <i>Salmo salar</i> | 803963 | <i>Clupea harengus</i> | 805516 | | |
| Coloration | | Fecundity | | | |
| Polyorphism | | Teleostei | 809081 | | |
| Pomacentridae | | Seasonal changes | | | |
| <i>Abudefduf saxatilis</i> | 804919 | Clupeidae | | | |
| | | <i>Sardina pilchardus</i> | 804529 | | |

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| | Experimental analysis | | | Function | |
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| | Experimental analysis | | | <i>Oryzias latipes</i> | 808004 |
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| | <i>Salmo trutta</i> | 805967 | | Cytology | |
| Yolk | | | | Poeciliidae | |
| | Cytology | | | <i>Poecilia reticulata</i> | 804157 |
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| | <i>Amia calva</i> | 803955 | | Esocidae | |
| | Semionotomorpha | | | <i>Esox lucius</i> | 804157 |
| | <i>Lepisosteus osseus</i> | 803955 | | Salmonidae | |
| | Descriptive evolution | | | <i>Salmo trutta</i> | 804157 |
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| | <i>Amia calva</i> | 803955 | | Petromyzontomorpha | |
| | Semionotomorpha | | | <i>Mordacia praecox</i> | 804395 |
| | <i>Lepisosteus osseus</i> | 803955 | | Development | |
| | Ultrastructure | | | Cottidae | |
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| | Gadidae | | | <i>Poecilia reticulata</i> | 804164 |
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| | Descriptive evolution | | | Cytology | |
| | Amiomorpha | | | Cyprinidae | |
| | <i>Amia calva</i> | 804682 | | <i>Cyprinus carpio</i> | 807880 |
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| | <i>Lepisosteus osseus</i> | 804682 | | <i>Esox lucius</i> | 807880 |
| | Development | | | Salmonidae | |
| | Mastacembelidae | | | <i>Salmo clarki</i> | 807880 |
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| | <i>Amphipnous cuchia</i> | 804645 | | Cyprinidae | |
| | Belonidae | | | <i>Cyprinus carpio</i> | 807880 |
| | <i>Xenentodon cancila</i> | 804645 | | Esocidae | |
| | Cyprinidae | | | <i>Esox lucius</i> | 807880 |
| | <i>Pseudorasbora pumila</i> | 805073 | | Salmonidae | |
| | Bagridae | | | <i>Salmo clarki</i> | 807880 |
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| | <i>Esox lucius</i> | 803736 | | Biochemistry | |
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| | <i>Plecoglossus altivelis</i> | 805526 | | Seasonal changes | |
| | Ultrastructure | | | Pleuronectidae | |
| | Cyprinidae | | | <i>Pseudopleuronectes yokohamae</i> | 807720 |
| | <i>Brachydanio rerio</i> | 804159 | | Enzymology | |
| | Protein content | | | Aminotransferases | |
| | Biochemistry | | | Biochemistry | |
| | Salmonidae | | | Clupeidae | |
| | <i>Salmo gairdneri</i> | 806759 | | <i>Clupea harengus</i> | 809089 |
| | Lipid and fatty acid content | | | Gadidae | |
| | Biochemistry | | | <i>Gadus morhua</i> | 809089 |
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| | <i>Opichcephalus punctatus</i> | 806694 | | <i>Salmo salar</i> | 809089 |
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| | <i>Heteropneustes fossilis</i> | 806694 | | Fecundity | |
| | Energy conversion efficiency | | | Cytology | |
| | Teleostei | 809081 | | Scombridae | |
| | Iron | | | <i>Scomberomorus maculatus</i> | 808185 |
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| | Clariidae | | | Fecundity | |
| | <i>Clarias batrachus</i> | 806921 | | Salmonidae | |
| | Vitelline sac | | | <i>Oncorhynchus gorbuscha</i> | 807908 |
| | Histology | | | <i>Oncorhynchus nerka</i> | 807908 |
| | Biochemistry | | | Milt storage | |
| | Salmonidae | | | Experimental analysis | |
| | <i>Salmo gairdneri</i> | 807247 | | Salmonidae | |
| | Development | | | <i>Salmo gairdneri</i> | 807431 |
| | Salmonidae | | | Cytological preparation | |
| | <i>Salmo gairdneri</i> | 807247 | | Staining | |
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| Chorion | | | | <i>Salmo clarki</i> | 808536 |
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| | Development | | | Pleuronectidae | |
| | Acipenseromorpha | | | <i>Limanda limanda</i> | 808378 |
| | <i>Acipenser ruthenus</i> | 804942 | | <i>Platichthys flesus</i> | 808378 |
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| | Gonadotropin | | | Carcharhinidae | |
| | Developmental analysis | | | <i>Triaenodon obesus</i> | 807215 |
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| | <i>Acipenser stellatus</i> | 804004 | | Acipenseromorpha | 808004 |
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| | Fertilization | | | Immunological analysis | |
| | Ultrastructure | | | Acipenseromorpha | |
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| | <i>Lampetra fluviatilis</i> | 808992 | | <i>Acipenser stellatus</i> | 803817 |
| Egg overripeness | | | | Egg | |
| | Experimental analysis | | | Acipenseromorpha | |
| | Oryziatidae | | | <i>Acipenser guldendaedti</i> | 803817 |
| | <i>Oryzias latipes</i> | 804338 | | <i>Acipenser stellatus</i> | 803817 |

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| Biochemistry | | Ultrastructure | |
| Oryziatidae | 804213 | Petromyzontomorpha | |
| <i>Oryzias latipes</i> | | <i>Lampetra fluviatilis</i> | 808993 |
| Experimental analysis | | Distribution within habitat | |
| Oryziatidae | | Clupeidae | |
| <i>Oryzias latipes</i> | 804213 | <i>Clupea harengus</i> | 805981 |
| Viviparity | | Vertical distribution | |
| Ovary | | Sciaenidae | |
| Pociliidae | | <i>Aplodinotus grunniens</i> | 808139 |
| <i>Xiphophorus helleri</i> | 809047 | Temperature | |
| Chorion | | Experimental analysis | |
| Ultrastructure | | Pleuronectidae | |
| Petromyzontomorpha | | <i>Hippoglossoides elassodon</i> | 807914 |
| <i>Lampetra fluviatilis</i> | 808992 | Radioactivity | |
| Polyspermy | | Experimental analysis | |
| Abnormality | | Cobitidae | |
| Cyprinidae | | <i>Misgurnus fossilis</i> | 807675 |
| <i>Ctenopharyngodon idella</i> | 805211 | Salinity | |
| <i>Hypophthalmichthys molitrix</i> | 805211 | Experimental analysis | |
| Developing egg | | Pleuronectidae | |
| Ultrastructure | | <i>Hippoglossoides elassodon</i> | 807914 |
| Petromyzontomorpha | | Lethal environmental limits | |
| <i>Lampetra fluviatilis</i> | 808993 | Fish control agents | |
| | | Teleostei | 808604 |
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| Description and occurrence | | Gadidae | |
| Function | | <i>Theragra chalcogramma</i> | 807667 |
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| Cyprinidae | | Clupeidae | |
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| <i>Hypophthalmichthys molitrix</i> | 805211 | Population density | |
| | | Experimental analysis | |
| Developing egg | | Clupeidae | |
| Rajidae | | <i>Sardina pilchardus</i> | 808192 |
| <i>Raja georgiana</i> | 807663 | Engraulidae | |
| Anabantidae | | <i>Engraulis encrasicolus</i> | 808192 |
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| Cynoglossidae | | <i>Scomberesox saurus</i> | 807704 |
| <i>Cynoglossus semifasciatus</i> | 808597 | Natural mortality | |
| Pleuronectidae | | Natural mortality | |
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| <i>Parophrys vetulus</i> | 807904 | Outdoor census and sampling | |
| Hexagrammidae | | Clupeidae | |
| <i>Ophiodon elongatus</i> | 807904 | <i>Clupea harengus</i> | 808372 |
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| <i>Leuresthes tenuis</i> | 808707 | Biochemistry | |
| Cyprinodontidae | 808268 | Salmonidae | |
| <i>Chriopecoides pengelleyi</i> | 808269 | <i>Oncorhynchus keta</i> | 805938 |
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| Muraenidae | | Development | |
| <i>Gymnothorax nigromarginatus</i> | 808400 | Cobitidae | |
| Cyprinidae | | <i>Misgurnus fossilis</i> | 804424 |
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| <i>Ptychocheilus oregonensis</i> | 807786 | Cobitidae | |
| Pangasiidae | | <i>Misgurnus fossilis</i> | 804424 |
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| Gadidae | | Ultrastructure | |
| <i>Gadus macrocephalus</i> | 807904 | Cobitidae | |
| Merlucciidae | | <i>Misgurnus fossilis</i> | 804209 |
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| Retropinnidae | | Salmonidae | |
| <i>Retropinna semoni</i> | 808295 | <i>Salmo gairdneri</i> | 809011 |
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| Anatomy | | <i>Salmo gairdneri</i> | 803734 |
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| Key | | <i>Salmo trutta</i> | 803734 |
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| Protein content | | Cobitidae | |
| Biochemistry | | <i>Misgurnus fossilis</i> | 803956 |
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| Biochemistry | | Carbohydrate metabolism | |
| Teleostei | 809081 | Protein metabolism | |
| Lipid metabolism | | Teleostei | 808004 |
| Biochemistry | | Polyspermy | |
| Teleostei | 809081 | Acipenseromorpha | 805211 |

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| Ontogeny (continued) | Cyprinidae | | | Embryo behavior | |
| | <i>Ctenopharyngodon idella</i> | 805211 | | Developmental analysis | |
| | <i>Hypophthalmichthys molitrix</i> | 805211 | | Cobitidae | |
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| Autoperistomorphia | | 806675 | | Esocidae | |
| Oryzias | <i>Aupenser gueldenstaedti</i> | | | <i>Esox lucius</i> | 807651 |
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| Cobitidae | | | | Teleostei | 809081 |
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| Biochemistry | | | | <i>Leuciscus cephalus</i> | 806441 |
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| Gastrulation | | | | Esocidae | |
| Biochemistry | | | | <i>Esox lucius</i> | 807651 |
| Mineral content | | | | Light | |
| Cobitidae | | | | Experimental analysis | |
| <i>Misgurnus fossilis</i> | 804424 | | | Esocidae | |
| Experimental analysis | | | | <i>Esox lucius</i> | 807651 |
| Cobitidae | | | | Hatching glands | |
| <i>Gobius niger</i> | 805128 | | | Histology | |
| Developmental analysis | | | | Function | |
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| Cyprinodontidae | | | | Development | |
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| <i>Fundulus heteroclitus</i> | 805708 | | | Esocidae | |
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| Teleostei | 809080 | | <i>Acipenser</i> | 807691 | |
| Estrogens | | | <i>Acipenser gueldenstaedti</i> | 805559 | |
| Experimental analysis | | | <i>Acipenser ruthenus</i> | 805559 | |
| Teleostei | 809080 | | <i>Acipenser ruthenus</i> X | | |
| Oryziatidae | | | <i>Acipenser gueldenstaedti</i> X | 805559 | |
| <i>Oryzias latipes</i> | 804357 | | <i>Acipenser stellatus</i> | 805559 | |
| Salmonidae | | | | 807706 | |
| <i>Salmo trutta</i> | 808865 | | Amiromorpha | | |
| Androgens | | | <i>Amia calva</i> | 806635 | |
| Experimental analysis | | | Semionotomorpha | 806635 | |
| Teleostei | 809080 | | Berycidae | | |
| Radioactivity | | | <i>Beryx splendens</i> | 807154 | |
| Experimental analysis | | | Gasterosteidae | | |
| Poeciliidae | | | <i>Gasterosteus aculeatus</i> | 806635 | |
| <i>Xiphophorus maculatus</i> | 809087 | | <i>Pungitius pungitius</i> | 806635 | |
| Annual fish | | | Syngnathidae | | |
| Balistidae | | | <i>Syngnathus scovelli</i> | 807017 | |
| <i>Rudarius ercodes</i> | 805205 | | Anabantidae | | |
| Cyprinodontidae | | | <i>Ctenopoma muriei</i> | 804708 | |
| <i>Aphyosemon</i> | 808259 | | Anarhichadidae | | |
| <i>Austrofundulus dolichopterus</i> | 805793 | | <i>Anarhichas denticulatus</i> | 806559 | |
| <i>Cynolebias bellotti</i> | 808260 | | <i>Anarhichas lupus</i> | 806559 | |
| | 808499 | | <i>Anarhichas minor</i> | 806559 | |
| <i>Nothobranchius</i> | 805825 | | Blenniidae | 806057 | |
| <i>Rivulus beniensis</i> | 806670 | | Clinidae | 806057 | |
| Amblyopsidae | | | Pholididae | 806057 | |
| <i>Chologaster cornuta</i> | 808771 | | | | |

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| Rate of growth (continued) | Gobiidae | 806057 | <i>Rastrelliger kanagurta</i> | 808585 |
| | <i>Chaenogobius isaza</i> | 807948 | <i>Sarda chiliensis</i> | 807190 |
| | Mugilidae | 805458 | <i>Scomber japonicus</i> | 804306 |
| | <i>Crenimugil labrosus</i> | 804533 | | 807190 |
| | <i>Liza ramada</i> | 805023 | <i>Thunnus alalunga</i> | 807190 |
| | <i>Mugil saliens</i> | 806300 | | 808654 |
| | | | <i>Thunnus albacares</i> | 805654 |
| | | | | 806478 |
| | | | | 807305 |
| | Carangidae | | | |
| | <i>Decapterus punctatus</i> | 807276 | | |
| | <i>Decapterus russelli</i> | 806727 | | |
| | <i>Megalaspis cordyla</i> | 806727 | Sphyrnoidae | |
| | <i>Seriola dorsalis</i> | 807190 | <i>Sphyrna argentea</i> | 807190 |
| | <i>Trachinotus carolinus</i> | 807837 | <i>Sphyrna barracuda</i> | 808154 |
| | <i>Trachurus japonicus</i> | 805438 | | |
| | | | Bothidae | |
| | Centrarchidae | | <i>Paralichthys californicus</i> | 807190 |
| | <i>Lepomis cyanellus</i> | 803822 | <i>Scophthalmus maximus</i> | 806464 |
| | <i>Lepomis macrochirus</i> | 804412 | <i>Scophthalmus rhombus</i> | 806464 |
| | | 805356 | | |
| | | 804412 | Pleuronectidae | 807904 |
| | <i>Micropterus salmoides</i> | 804412 | <i>Lepidopsetta bilineata</i> | 807906 |
| | | 804554 | <i>Limanda aspera</i> | 804116 |
| | | 805555 | | 807907 |
| | | 807807 | | 808867 |
| | <i>Pomoxis annularis</i> | 806166 | <i>Limanda limanda</i> | 806464 |
| | | 808796 | <i>Parophrys vetulus</i> | 805944 |
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| Characidae | | <i>Harpodon nehereus</i> | 806064 | Rate of growth |
|---------------------------------|--------|---------------------------------|--------|----------------|
| <i>Alestes macrophthalmus</i> | 804392 | Osmeridae | 806635 | (continued) |
| Catostomidae | 806635 | <i>Osmerus eperlanus</i> | 807687 | |
| <i>Catostomus catostomus</i> | 807422 | <i>Osmerus mordax</i> | 808647 | |
| <i>Catostomus platyrhynchus</i> | 807795 | | 804390 | |
| <i>Ictiobus bubalus</i> | 803822 | | 807862 | |
| Cobitidae | | | 808647 | |
| <i>Cobitis aurata</i> | 807686 | Salmonidae | 806016 | |
| <i>Nocomacheilus barbatulus</i> | 803678 | | 806035 | |
| Cyprinidae | 806041 | | 806635 | |
| | 806635 | | 808526 | |
| | 808352 | <i>Coregonus artedii</i> | 805022 | |
| <i>Abramis ballerus</i> | 807702 | <i>Coregonus clupeaformis</i> | 805022 | |
| <i>Abramis brama</i> | 806416 | <i>Coregonus nasus</i> | 807491 | |
| | 807643 | <i>Coregonus peled</i> | 807668 | |
| | 807648 | | 808241 | |
| | 807709 | | 808353 | |
| <i>Alburnoides bipunctatus</i> | 808442 | <i>Oncorhynchus kisutch</i> | 806032 | |
| <i>Alburnus alburnus</i> | 803678 | <i>Oncorhynchus nerka</i> | 805677 | |
| <i>Aspius aspius</i> | 804696 | | 806105 | |
| <i>Barbus pleurogramma</i> | 804708 | | 807257 | |
| <i>Barbus barbus</i> | 804074 | | 808659 | |
| <i>Barbus kersteni</i> | 804708 | <i>Salmo clarki</i> | 806992 | |
| <i>Barbus kolus</i> | 808571 | | 808556 | |
| <i>Blicca bjoerkna</i> | 807291 | <i>Salmo gairdneri</i> | 804234 | |
| <i>Carassius auratus</i> | 807740 | | 806032 | |
| <i>Carassius carassius</i> | 806442 | | 806105 | |
| <i>Ctenopharyngodon idella</i> | 807005 | | 807521 | |
| <i>Cyprinus carpio</i> | 803822 | | 807797 | |
| | 804444 | <i>Salmo salar</i> | 805975 | |
| | 805681 | | 807440 | |
| | 807309 | <i>Salmo trutta</i> | 805813 | |
| | 807643 | | 806253 | |
| | 807690 | <i>Salvelinus alpinus</i> | 805022 | |
| | 808226 | | 805541 | |
| | 808228 | | 806253 | |
| <i>Gila elegans</i> | 807794 | | 806989 | |
| <i>Gila robusta</i> | 807090 | <i>Salvelinus fontinalis</i> | 804234 | |
| | 807794 | | 806972 | |
| <i>Gobio gobio</i> | 803678 | | 807801 | |
| | 805104 | <i>Salvelinus namaycush</i> | 805022 | |
| | 805342 | <i>Stenodus leucichthys</i> | 806835 | |
| | 807739 | Experimental analysis | | |
| <i>Leuciscus cephalus</i> | 803678 | Carangidae | | |
| | 808441 | <i>Trachurus japonicus</i> | 805430 | |
| <i>Leuciscus rutilus</i> | 803678 | Cichlidae | | |
| <i>Notropis stramineus</i> | 807832 | <i>Tilapia aurea X</i> | | |
| <i>Ptychocheilus lucius</i> | 807090 | <i>Tilapia nilotica X</i> | 805973 | |
| | 807794 | <i>Tilapia mossambica</i> | 807710 | |
| <i>Rhinichthys atratulus</i> | 806473 | Percidae | | |
| <i>Rutilus rutilus</i> | 805716 | <i>Perca fluviatilis</i> | 803901 | |
| | 807643 | | | |
| Ariidae | | Pleuronectidae | | |
| <i>Ostogleneisus militaris</i> | 805520 | <i>Pleuronectes platessa</i> | 803901 | |
| | 805521 | | | |
| Bagridae | | Scophthalmidae | | |
| <i>Bagrus docmac</i> | 808978 | <i>Scophthalmus maximus</i> | 805064 | |
| Ictaluridae | 806635 | Soleidae | | |
| <i>Ictalurus natalis</i> | 803822 | <i>Solea solea</i> | 803901 | |
| <i>Ictalurus punctatus</i> | 803822 | | 805064 | |
| <i>Pylodictis olivaris</i> | 807790 | | | |
| Plotosidae | | Balistidae | | |
| <i>Plotosus anguillar</i> | 805205 | <i>Monacanthus tomentosus</i> | 805430 | |
| Hiodontidae | | Tetraodontidae | | |
| <i>Hiodon alosoides</i> | 806635 | <i>Fugu vermicularis</i> | 805430 | |
| <i>Hiodon tergisus</i> | 806635 | Cyprinidae | | |
| Mormyridae | 803915 | <i>Cyprinus carpio</i> | 805973 | |
| Gadidae | | Salmonidae | | |
| <i>Lota lota</i> | 806635 | <i>Salmo gairdneri</i> | 805430 | |
| | 806834 | Lipid and fatty acid content | | |
| Zoaridae | | Effect on fish | | |
| <i>Lycodopsis pacifica</i> | 807500 | Salmonidae | | |
| Amblyopsidae | 806635 | <i>Salmo trutta</i> | 808856 | |
| Aphredoderidae | | Scales | | |
| <i>Aphredoderus sayanus</i> | 806635 | Experimental analysis | | |
| Percopsidae | | Cyprinidae | | |
| <i>Percopsis omiscomaycus</i> | 804525 | <i>Carassius auratus</i> | 804800 | |
| | 806635 | Temperature | | |
| Chanidae | | Cyprinidae | | |
| <i>Chanos chanos</i> | 808204 | <i>Carassius auratus</i> | 804800 | |
| Argentinidae | | Growth hormone | | |
| <i>Argentina sphyraena</i> | 803868 | Experimental analysis | | |
| Esocidae | 806635 | Elasmobranchii | 809072 | |
| <i>Esox lucius</i> | 805970 | Teleostei | 809072 | |
| | 808025 | Thyroid | | |
| | 808233 | Experimental analysis | | |
| | 808352 | Salmonidae | | |
| | 808801 | <i>Oncorhynchus tshawytscha</i> | 807784 | |
| | 808802 | <i>Salmo gairdneri</i> | 807784 | |
| | 809038 | Ovary | | |
| Umbridae | 806635 | Experimental analysis | | |
| Galaxiidae | 804508 | Salmonidae | | |
| Harpadontidae | | <i>Oncorhynchus nerka</i> | 807414 | |

| Rate of growth (continued) | | | | |
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| Estrogens | | | Pleuronectidae | |
| Experimental analysis | | | <i>Eopsetta jordani</i> | 804448 |
| Belontiidae | | | Gadidae | |
| <i>Macropodus opercularis</i> | 804697 | | <i>Gadus morhua</i> | 804448 |
| Salmonidae | | | Intraspecific variation | |
| <i>Salmo trutta</i> | 808865 | | Cyprinidae | |
| Testis | | | <i>Abramis brama</i> | 807743 |
| Experimental analysis | | | Energy conversion efficiency | |
| Salmonidae | | | Experimental analysis | |
| <i>Oncorhynchus nerka</i> | 807414 | | Salmonidae | |
| Larva | | | <i>Oncorhynchus nerka</i> | 807498 |
| Sparidae | | | Change with age | |
| <i>Pagrus major</i> | 805618 | | Salmonidae | |
| Clupeidae | | | <i>Oncorhynchus nerka</i> | 807498 |
| <i>Clupea harengus</i> | 805317 | | Temperature | |
| Engraulidae | | | Salmonidae | |
| <i>Engraulis encrasicolus</i> | 807670 | | <i>Oncorhynchus nerka</i> | 807498 |
| Experimental analysis | | | Dietary requirements | |
| Petromyzontomorpha | | | Experimental analysis | |
| <i>Ichthyomyzon bdellium</i> | 809030 | | Salmonidae | |
| Temperature | | | <i>Salmo salar</i> | 805144 |
| Teleostei | 809081 | | Adlibitum food capacity | |
| Fry | | | Experimental analysis | |
| Acipenseromorpha | | | Carangidae | |
| <i>Acipenser gueldenstaedti</i> | 808342 | | <i>Seriola quinqueradiata</i> | 805503 |
| Centrarchidae | | | Balistidae | |
| <i>Lepomis macrochirus</i> | 803711 | | <i>Monacanthus tomentosus</i> | 805503 |
| Catostomidae | | | Tetraodontidae | |
| <i>Moxostoma carinatum</i> | 804165 | | <i>Fugu vermicularis</i> | 805503 |
| Cyprinidae | | | Salmonidae | |
| <i>Cyprinus carpio</i> | 806413 | | <i>Salmo gairdneri</i> | 805503 |
| Salmonidae | | | Inheritance | |
| <i>Oncorhynchus gorbuscha</i> | 806643 | | Cyprinidae | |
| <i>Oncorhynchus keta</i> | 804954 | | <i>Cyprinus carpio</i> | 806122 |
| | 806645 | | Larva | |
| <i>Oncorhynchus nerka</i> | 806646 | | Cyprinidae | |
| <i>Salmo salar</i> | 807355 | | <i>Leuciscus cephalus</i> | 806441 |
| | 806029 | | Artificial selection | |
| Experimental analysis | 808149 | | Poeciliidae | |
| Salmonidae | | | <i>Poecilia reticulata</i> | 805116 |
| <i>Oncorhynchus gorbuscha</i> | 808924 | | Density dependent regulation | |
| <i>Oncorhynchus nerka</i> | 803864 | | Salmonidae | |
| <i>Thymallus arcticus</i> | 807278 | | <i>Salmo gairdneri</i> | 806080 |
| Change with age | | | Intraspecific variation | |
| Carangidae | | | Percidae | |
| <i>Seriola quinqueradiata</i> | 805345 | | <i>Stizostedion lucioperca</i> | 803801 |
| Sparidae | | | | 807689 |
| <i>Chrysophrys major</i> | 805345 | | Cyprinidae | |
| Soleidae | | | <i>Abramis brama</i> | 807689 |
| <i>Zebrias zebra</i> | 805345 | | <i>Rutilus rutilus</i> | 807689 |
| Exocoetidae | | | Experimental analysis | |
| <i>Hemiramphus sajori</i> | 805345 | | Ichthyuridae | |
| Intraspecific variation | | | <i>Ichthyurus melas</i> | 807779 |
| Carangidae | | | <i>Ichthyurus punctatus</i> | 807779 |
| <i>Seriola quinqueradiata</i> | 805345 | | Artificial selection | |
| Sparidae | | | Cyprinidae | |
| <i>Chrysophrys major</i> | 805345 | | <i>Cyprinus carpio</i> | 806412 |
| Soleidae | | | Populations | |
| <i>Zebrias zebra</i> | 805345 | | Anguillidae | |
| Exocoetidae | | | <i>Anguilla australis</i> | 804829 |
| <i>Hemiramphus sajori</i> | 805345 | | <i>Anguilla dieffenbachii</i> | 804829 |
| Oxygen | | | Esocidae | |
| Salmonidae | | | <i>Esox lucius</i> | 804047 |
| <i>Thymallus arcticus</i> | 807278 | | Salmonidae | |
| Young | | | <i>Salmo trutta</i> | 804048 |
| Mugiloidae | 808299 | | Geographic variation | |
| Percidae | | | Gadidae | |
| <i>Perca fluviatilis</i> | 804054 | | <i>Merlangius merlangus</i> | 807104 |
| <i>Stizostedion vitreum</i> | 806115 | | Merlucciidae | |
| Catostomidae | | | <i>Merluccius merluccius</i> | 808297 |
| <i>Catostomus commersoni</i> | 806115 | | Esocidae | |
| Salmonidae | | | <i>Esox lucius</i> | 804775 |
| <i>Oncorhynchus gorbuscha</i> | 807731 | | Change with age | |
| <i>Oncorhynchus keta</i> | 807731 | | Gadidae | |
| <i>Oncorhynchus nerka</i> | 807731 | | <i>Gadus morhua</i> | 807541 |
| | 807759 | | Populations | |
| <i>Salmo salar</i> | 806879 | | Salmonidae | |
| Juvenile | | | <i>Oncorhynchus nerka</i> | 807916 |
| Seasonal changes | | | Variation with age | |
| Salmonidae | | | Cyprinidae | |
| <i>Oncorhynchus kisutch</i> | 807084 | | <i>Rutilus rutilus</i> | 807716 |
| Change with age | | | Littoral zone | |
| Polynemoidae | | | Experimental analysis | |
| <i>Eleutheronema tetradactylum</i> | 807536 | | Sparidae | |
| Pleuronectidae | | | <i>Sargus annularis</i> | 808192 |
| <i>Pleuronectes platessa</i> | 807546 | | Artificial fertilization | |
| Clupeidae | | | Sparidae | |
| <i>Prista filosa</i> | 807536 | | <i>Sargus annularis</i> | 808192 |
| Cyprinidae | | | Temperature | |
| <i>Varicorhinus capota</i> | 807734 | | Experimental analysis | |
| Maximum size | | | Salmonidae | |
| Teleostei | 804448 | | <i>Salmo salar</i> | 805143 |
| | | | <i>Salvelinus fontinalis</i> | 807505 |

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| Light | | Cyprinidae | | Growth |
| Experimental analysis | | <i>Cyprinus carpio</i> | 807652 | (continued) |
| Ictaluridae | | Population density | | |
| <i>Ictalurus punctatus</i> | 806822 | Cyprinidae | | |
| Salmonidae | | <i>Cyprinus carpio</i> | 807652 | |
| <i>Salvelinus fontinalis</i> | 808847 | Artificial feeds and feeding | | |
| Radioactivity | | Cyprinidae | | |
| Experimental analysis | | <i>Cyprinus carpio</i> | 807652 | |
| Centrarchidae | | Artificial feeds and feeding | | |
| <i>Lepomis macrochirus</i> | 806889 | Cyprinidae | | |
| Salinity | | <i>Cyprinus carpio</i> | 808688 | |
| Experimental analysis | | Experimental analysis | | |
| Cyprinidae | 808596 | Cyprinidae | | |
| Salmonidae | | <i>Cyprinus carpio</i> | 808210 | |
| <i>Salmo salar</i> | 805143 | Archeological data | | |
| | 805144 | Esocidae | | |
| | 807925 | <i>Esox lucius</i> | 805204 | |
| Oxygen | | Captive vs natural fishes | | |
| Experimental analysis | | Carangidae | | |
| Salmonidae | | <i>Trachinotus carolinus</i> | 807034 | |
| <i>Salvelinus fontinalis</i> | 807505 | Sparidae | | |
| Populations | | <i>Eynosia japonica</i> | 805622 | |
| Cyprinidae | | <i>Mylio macrocephalus</i> | 805622 | |
| <i>Leuciscus cephalus</i> | 805963 | Cyprinidae | 808572 | |
| <i>Leuciscus leuciscus</i> | 805963 | Pangasiidae | | |
| <i>Rutilus rutilus</i> | 805963 | <i>Pangasius pangasius</i> | 808572 | |
| Salmonidae | | Fry | | |
| <i>Salmo mykiss</i> | 807714 | Salmonidae | | |
| <i>Salmo penshinensis</i> | 807714 | <i>Oncorhynchus masou</i> | 804953 | |
| Change with age | | Artificial propagation and planting | | |
| Clupeidae | | Salmonidae | | |
| <i>Clupea pallasii</i> | 804432 | <i>Salmo salar</i> | 807708 | |
| Population density | | Scale age study | | |
| Experimental analysis | | Clupeidae | | |
| Cyprinidae | | <i>Clupea harengus</i> | 808058 | |
| <i>Cyprinus carpio</i> | 808244 | Inheritance | | |
| Density dependent regulation | | Clupeidae | | |
| Percidae | | <i>Clupea harengus</i> | 806916 | |
| <i>Stizostedion vitreum</i> | 807560 | <i>Sardina pilchardus</i> | 806916 | |
| Salmonidae | | <i>Sardinops ocellata</i> | 806916 | |
| <i>Oncorhynchus nerka</i> | 805085 | Carotenoids | | |
| Interspecific competition | | Fat requirements | | |
| Experimental analysis | | Experimental analysis | | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus kisutch</i> | 807824 | <i>Oncorhynchus nerka</i> | 807115 | |
| <i>Salmo gairdneri</i> | 807824 | Folic acid | | |
| Feeding | | Vitamin requirements | | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus kisutch</i> | 807824 | Salmonidae | | |
| <i>Salmo gairdneri</i> | 807824 | <i>Oncorhynchus kisutch</i> | 807344 | |
| Availability and use of food | | Naphthenic growth substance | | |
| Experimental analysis | | Larva | | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus keta</i> | 807443 | Cyprinidae | | |
| Juvenile | | <i>Cyprinus carpio</i> | 807650 | |
| Salmonidae | | Age length relationship | | |
| <i>Oncorhynchus keta</i> | 807443 | Mugiloidae | 808299 | |
| Seasonal changes | | <i>Liza macrolepis</i> | 808575 | |
| Cichlidae | | <i>Mugil cephalus</i> | 808575 | |
| <i>Tilapia aurea</i> | 806110 | Lutjanidae | | |
| Sciaenidae | | <i>Lutjanus purpureus</i> | 806941 | |
| <i>Pseudotolithus senegalensis</i> | 806750 | Percidae | | |
| Agonidae | | <i>Perca flavescens</i> | 803590 | |
| <i>Agonus cataphractus</i> | 807955 | <i>Stizostedion canadense</i> | 808464 | |
| Cyprinidae | | | 808795 | |
| <i>Abramis brama</i> | 807294 | Sciaenidae | | |
| <i>Cyprinus carpio</i> | 806110 | <i>Aplodinotus grunniens</i> | 808464 | |
| <i>Ericymba buccata</i> | 807003 | <i>Micropterus undulatus</i> | 808663 | |
| Salmonidae | | <i>Pseudotolithus senegalensis</i> | 805648 | |
| <i>Thymallus thymallus</i> | 805983 | <i>Pseudotolithus typus</i> | 805648 | |
| Experimental analysis | | Sparidae | | |
| Salmonidae | | <i>Lagodon rhomboides</i> | 808663 | |
| <i>Salmo salar</i> | 807925 | Scombridae | | |
| Change with age | | <i>Thunnus thynnus</i> | 807189 | |
| Clupeidae | | Pleuronectidae | | |
| <i>Clupea harengus</i> | 807733 | <i>Platichthys stellatus</i> | 806881 | |
| Geographic variation | | <i>Pleuronectes platessa</i> | 805332 | |
| Sparidae | | | 808075 | |
| <i>Lagodon rhomboides</i> | 806244 | Cottidae | | |
| Characidae | | <i>Cottus beldingi</i> | 808721 | |
| <i>Alestes baremoze</i> | 808021 | Clupeidae | | |
| Migrations | | <i>Clupea harengus</i> | 805308 | |
| Scale age study | | | 805318 | |
| Salmonidae | | | 805321 | |
| <i>Oncorhynchus</i> | 808906 | | 806916 | |
| Heavy metal pollutants | | | 807922 | |
| Experimental analysis | | | 808053 | |
| Salmonidae | | | 808056 | |
| <i>Salvelinus fontinalis</i> | 807505 | | 808060 | |
| Artificial rearing environments | | | 808108 | |
| Sparidae | | | 808114 | |
| <i>Pagrus major</i> | 805622 | | 808116 | |
| Experimental analysis | | <i>Opisthopterus tardoore</i> | 808574 | |

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|-----------------------------------|---------------------------------|--------|------------------------------------|--------|
| Growth | <i>Sardinops neopilchardus</i> | 808361 | <i>Gibbonsia metzi</i> | 807228 |
| (continued) | <i>Sprattus sprattus</i> | 805323 | <i>Heterostichus rostratus</i> | 807228 |
| | | 805324 | Labridae | |
| | | 805326 | <i>Halichoeres scapularis</i> | 807935 |
| | | 808065 | <i>Oxyjulis californica</i> | 807228 |
| | 808120 | | <i>Pimelometopon pulchrum</i> | 807228 |
| | <i>Catostomidae</i> | | <i>Tautoga onitis</i> | 807565 |
| | <i>Carpiodes carpio</i> | 808464 | Scardidae | |
| | <i>Cyprinidae</i> | | <i>Calliodon marshalli</i> | 807935 |
| | <i>Alburnoides bipunctatus</i> | 804046 | <i>Hippocampus harid</i> | 807935 |
| | <i>Barbus kolus</i> | 808571 | <i>Xanodon bipallidus</i> | 807935 |
| | <i>Cyprinus carpio</i> | 808464 | Mugiloidae | 808299 |
| | <i>Hiodontidae</i> | | <i>Crenimugil</i> | 807935 |
| | <i>Hiodon alosoides</i> | 808464 | <i>Crenimugil labrosus</i> | 804533 |
| | <i>Gadidae</i> | | <i>Mugil</i> | 807935 |
| | <i>Gadus morhua</i> | 805270 | <i>Mugil saliens</i> | 808300 |
| | | 805272 | <i>Rhinomugil corsula</i> | 806902 |
| | | 805274 | Branchiostegidae | |
| | <i>Melanogrammus aeglefinus</i> | 805288 | <i>Branchiostegus japonicus</i> | 804117 |
| | | 805289 | Carangidae | |
| | | 805290 | <i>Decapterus punctatus</i> | 807276 |
| | | 805291 | <i>Trachinotus carolinus</i> | 807034 |
| | | 805292 | | 807837 |
| | | 808038 | <i>Trachinotus falcatus</i> | 807837 |
| | | 808039 | Centrarchidae | |
| | | 808040 | <i>Micropterus salmoides</i> | 806162 |
| | | 808092 | | 808550 |
| | | 808093 | <i>Pomoxis annularis</i> | 808796 |
| | | 808095 | Centropomidae | |
| | | 808096 | <i>Lates niloticus</i> | 805378 |
| | <i>Merlangius merlangus</i> | 805294 | Chaetodontidae | |
| | | 805295 | <i>Chaetodon larvatus</i> | 807935 |
| | | 805296 | Cichlidae | |
| | | 808041 | <i>Hemihaplochromis multicolor</i> | 804708 |
| | | 808042 | <i>Tilapia aurea</i> X | |
| | | 808099 | <i>Tilapia nilotica</i> X | 805973 |
| | | 808100 | <i>Tilapia mossambica</i> | 806116 |
| | <i>Pollachius virens</i> | 805293 | | 807710 |
| | | 807074 | <i>Tilapia nilotica</i> X | |
| | <i>Merlucciidae</i> | | <i>Tilapia aurea</i> X | 805973 |
| | <i>Merluccius productus</i> | 804988 | Embiotocidae | 807228 |
| | | 808312 | <i>Cymatogaster aggregata</i> | 807496 |
| | <i>Esocidae</i> | | Gerreidae | |
| | <i>Esox lucius</i> | 808801 | <i>Gerres</i> | 807935 |
| | <i>Salmonidae</i> | | Kyphosidae | |
| | <i>Coregonus peled</i> | 808241 | <i>Girella nigricans</i> | 807228 |
| | <i>Salmo salar</i> | 805329 | <i>Medialuna californiensis</i> | 807228 |
| | Juvenile | | Lethrinidae | |
| | <i>Clupeidae</i> | | <i>Lethrinus harak</i> | 807935 |
| | <i>Clupea harengus</i> | 808109 | Lutjanidae | |
| Age weight relationship | | | <i>Caesio caeruleaureus</i> | 807935 |
| <i>Scombridae</i> | | | <i>Lutjanus gibbus</i> | 807014 |
| <i>Thunnus albacares</i> | 808281 | | <i>Lutjanus russelli</i> | 807935 |
| <i>Thunnus thynnus</i> | 807189 | | Mullidae | |
| <i>Clupeidae</i> | | | <i>Pseudupeneus barberinus</i> | 807935 |
| <i>Clupea harengus</i> | 805301 | | Nemipteridae | |
| <i>Gadidae</i> | 805318 | | <i>Scolopsis ghanam</i> | 807935 |
| <i>Melanogrammus aeglefinus</i> | 808092 | | Percidae | |
| <i>Salmonidae</i> | | | <i>Perca fluviatilis</i> | 804420 |
| <i>Salmo salar</i> | 805329 | | <i>Stizostedion canadense</i> | 804443 |
| Weight length relationship | | | <i>Stizostedion vitreum</i> | 804525 |
| <i>Petromyzontomorpha</i> | 806635 | | <i>Stizostedion vitreum</i> | 808795 |
| <i>Caspionymus wagneri</i> | 807755 | | Pomacentridae | |
| <i>Dasyatidae</i> | | | <i>Chromis punctipinnis</i> | 807935 |
| <i>Dasyatis centroura</i> | 804187 | | <i>Hypsopops rubicunda</i> | 807228 |
| <i>Rajidae</i> | | | Pomadasyidae | |
| <i>Raja georgiana</i> | 807663 | | <i>Gaterin gaterinus</i> | 807014 |
| <i>Carchariidae</i> | | | <i>Xenistius californiensis</i> | 807228 |
| <i>Carcharhinus leucas</i> | 807581 | | Sciaenidae | |
| <i>Acipenseromorpha</i> | 806635 | | <i>Aplodinotus grunniens</i> | 807789 |
| <i>Acipenseromorpha</i> | | | <i>Cynoscion petranus</i> | 804304 |
| <i>Amia calva</i> | 806635 | | <i>Genyonemus lineatus</i> | 807228 |
| <i>Semionotomorpha</i> | 806635 | | <i>Johnius dussumieri</i> | 808576 |
| <i>Teleostei</i> | 806162 | | <i>Microgobius furnieri</i> | 807048 |
| <i>Channiformes</i> | | | <i>Pseudosciaena colbor</i> | 808586 |
| <i>Ophichthys gichus</i> | 806392 | | <i>Pseudosciaena diacanthus</i> | 808570 |
| <i>Syngnathidae</i> | | | <i>Pseudotolithus senegalensis</i> | 808648 |
| <i>Syngnathus californiensis</i> | 807228 | | Serranidae | |
| <i>Acanthuridae</i> | | | <i>Epinephelus morio</i> | 806260 |
| <i>Acanthurus gaham</i> | 807935 | | <i>Morone mississippiensis</i> | 808901 |
| <i>Acanthurus sohal</i> | 807014 | | <i>Morone saxatilis</i> | 806786 |
| <i>Ctenochaetus strigosus</i> | 807935 | | <i>Paralabrax clathratus</i> | 807228 |
| <i>Siganidae</i> | | | | 807229 |
| <i>Siganus rivulatus</i> | 807935 | | <i>Serranus alexandrinus</i> | 808309 |
| <i>Anabantidae</i> | | | <i>Serranus gigas</i> | 808309 |
| <i>Ctenopoma muriei</i> | 804708 | | Sillaginidae | |
| <i>Blenniidae</i> | | | <i>Sillago panijus</i> | 808569 |
| <i>Esenius</i> | 807935 | | Sparidae | |
| <i>Salaria</i> | 808795 | | <i>Pagellus bogaraveo</i> | 806838 |
| <i>Linidae</i> | | | Istiophoridae | 808879 |
| <i>Gibbonsia elegans</i> | 807228 | | <i>Makaira indica</i> | 807932 |
| | | | <i>Makaira nigricans</i> | 807932 |

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|--------------------------------------|--------|-----------------------------------|--------|-------------------------------|
| <i>Tetrapterus audax</i> | 807932 | <i>Barbus kersteni</i> | 804708 | Growth (continued) |
| Scombridae | 808474 | <i>Barbus kolus</i> | 808571 | |
| <i>Thunnus alalunga</i> | 808982 | <i>Barbus paludinosus</i> | 804708 | |
| <i>Thunnus albacares</i> | 808002 | <i>Bilca bjerckna</i> | 807291 | |
| | 807030 | <i>Carassius carassius</i> | 806442 | |
| | 808016 | <i>Ctenopharyngodon idella</i> | 807005 | |
| | 808473 | <i>Cyprinus carpio</i> | 807309 | |
| Trichiuridae | | | 807690 | |
| <i>Paradiplospinus gracilis</i> | 807663 | <i>Gila elegans</i> | 807794 | |
| Xiphiidae | | <i>Gila robusta</i> | 807794 | |
| <i>Xiphias gladius</i> | 808879 | <i>Gobio gobio</i> | 805342 | |
| Bothidae | | <i>Labeo rohita</i> | 808577 | |
| <i>Paralichthys oblongus</i> | 807860 | <i>Psychocheilus lucius</i> | 807794 | |
| <i>Scophthalmus maximus</i> | 806464 | <i>Rhinichthys atratulus</i> | 806773 | |
| <i>Scophthalmus rhombus</i> | 806464 | <i>Richardsonius egregius</i> | 808730 | |
| Pleuronectidae | 807860 | <i>Rutilus rutilus</i> | 807716 | |
| <i>Hippoglossoides platessoides</i> | 807417 | <i>Varicorhinus capota</i> | 807734 | |
| <i>Limanda limanda</i> | 806464 | Ictaluridae | 806635 | |
| <i>Parophrys vetulus</i> | 805945 | <i>Pylodictis olivaris</i> | 807790 | |
| | 805946 | Sisoridae | | |
| | 805947 | <i>Glyptosternon reticulum</i> | 807334 | |
| <i>Platichthys flesus</i> | 806464 | Hiodontidae | | |
| <i>Platichthys stellatus</i> | 806881 | <i>Hiodon alosoides</i> | 806635 | |
| <i>Pleuronectes platessa</i> | 806464 | <i>Hiodon tergisus</i> | 806635 | |
| <i>Pseudopleuronectes americanus</i> | 807859 | Gadidae | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Boreogadus saida</i> | 806342 | |
| Scophthalmidae | | <i>Gadus macrocephalus</i> | 807914 | |
| <i>Scophthalmus aquosus</i> | 807860 | <i>Gadus morhua</i> | 805275 | |
| Soleidae | | | 808086 | |
| <i>Solea solea</i> | 806464 | <i>Lota lota</i> | 806635 | |
| Agonidae | | | 806834 | |
| <i>Agonus cataphractus</i> | 807955 | Ophidiidae | | |
| Cottidae | | <i>Otophidium taylori</i> | 807228 | |
| <i>Cottus beldingi</i> | 808721 | Aphredoderidae | | |
| <i>Leptocottus armatus</i> | 807962 | <i>Aphredoderus sayanus</i> | 806635 | |
| Cyclopteridae | | Percopsidae | | |
| <i>Liparis pulchellus</i> | 807635 | <i>Percopsis omiscomaycus</i> | 806635 | |
| Hexagrammidae | | Argentinidae | | |
| <i>Oxylebiscus pictus</i> | 807228 | <i>Argentina sphyraena</i> | 803868 | |
| Scorpaenidae | 807228 | Esocidae | 806635 | |
| <i>Sebastes mentella</i> | 804333 | <i>Esox lucius</i> | 808801 | |
| | 807713 | Umbridae | 806635 | |
| Ostraciidae | | Harpadontidae | | |
| <i>Ostracion cyanurus</i> | 807935 | <i>Harpadon nehereus</i> | 806064 | |
| Atherinidae | | Osmeridae | 806635 | |
| <i>Atherinops affinis</i> | 807228 | <i>Osmerus eperlanus</i> | 807687 | |
| <i>Menidia audens</i> | 808171 | <i>Osmerus mordax</i> | 807862 | |
| <i>Menidia extensa</i> | 807835 | Salmonidae | 806635 | |
| <i>Franciscus pinguis</i> | 807014 | | 808471 | |
| Clupeidae | 806635 | | 808472 | |
| <i>Alosa caspia</i> | 805365 | <i>Coregonus clupeoides</i> | 808982 | |
| <i>Alosa kessleri</i> | 807711 | <i>Coregonus nasus</i> | 803672 | |
| <i>Alosa maotica</i> | 805365 | <i>Coregonus peled</i> | 804991 | |
| <i>Alosa pontica</i> | 805365 | <i>Oncorhynchus gorbuscha</i> | 808353 | |
| <i>Clupea harengus</i> | 805301 | | 805347 | |
| | 805319 | <i>Oncorhynchus keta</i> | 807731 | |
| | 805911 | | 807669 | |
| | 807733 | <i>Oncorhynchus nerka</i> | 807731 | |
| | 807897 | <i>Salmo salar</i> | 807520 | |
| | 807898 | | 805976 | |
| | 807899 | | 806879 | |
| | 807900 | <i>Salmo trutta</i> | 807708 | |
| | 808047 | | 803984 | |
| | 808116 | | 805715 | |
| | 808119 | | 805813 | |
| <i>Gudusia chapra</i> | 805694 | <i>Salvelinus alpinus</i> | 805976 | |
| <i>Herklotichthys punctatus</i> | 807014 | <i>Thymallus thymallus</i> | 805541 | |
| <i>Opisthonema oglinum</i> | 808191 | Sexually dimorphic size | 805715 | |
| <i>Opisthopterus tardoore</i> | 808574 | Scombridae | 805983 | |
| <i>Sardinella anchovia</i> | 807030 | <i>Thunnus alalunga</i> | 808147 | |
| <i>Sardinella longiceps</i> | 807079 | Sexually dimorphic body form | | |
| Engraulidae | | Mugiloidae | | |
| <i>Engraulis mordax</i> | 807228 | <i>Liza macrolepis</i> | 808575 | |
| | 807890 | <i>Mugil cephalus</i> | 808575 | |
| Anguillidae | | Larva | | |
| <i>Anguilla anguilla</i> | 807646 | Syngnathidae | | |
| <i>Anguilla rostrata</i> | 806635 | <i>Syngnathus phlegon</i> | 807715 | |
| Muraenidae | | Myctophidae | 807715 | |
| <i>Gymnothorax mordax</i> | 807228 | Paralepididae | | |
| Characidae | | <i>Paralepis</i> | 807715 | |
| <i>Alestes macrophthalmus</i> | 804392 | Gonostomatidae | | |
| Catostomidae | 806635 | <i>Cyclothone</i> | 807715 | |
| <i>Catostomus catostomus</i> | 807422 | <i>Vinciguerra</i> | 807715 | |
| <i>Catostomus platyrhynchus</i> | 807795 | Fry | | |
| Cobitidae | | <i>Acipenseromorpha</i> | | |
| <i>Cobitis aurata</i> | 807686 | <i>Acipenser gueldenstaedti</i> | 805559 | |
| Cypripidae | 806392 | <i>Acipenser gueldenstaedti X</i> | | |
| | 806635 | <i>Acipenser ruthenus X</i> | 805559 | |
| <i>Abramis brama</i> | 806416 | <i>Acipenser ruthenus</i> | 805559 | |
| | 807648 | <i>Acipenser ruthenus X</i> | | |
| | 807709 | <i>Acipenser gueldenstaedti X</i> | 805559 | |
| <i>Alburnoides bipunctatus</i> | 808442 | <i>Acipenser stellatus</i> | 805559 | |
| <i>Barbus aplurogramma</i> | 804708 | | | |

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|----------------------------------|-------------------------------|--------|----------------------------------|--------|
| Growth (continued) | Salmonidae | | Pangasiidae | |
| | <i>Oncorhynchus gorbuscha</i> | 806643 | <i>Pangasius pangasius</i> | 808572 |
| | <i>Oncorhynchus keta</i> | 806646 | Sisoridae | |
| | <i>Salmo salar</i> | 806650 | <i>Glyptosternon reticulum</i> | 807334 |
| | Change with age | | Hiodontidae | |
| | Cyprinidae | | <i>Hiodon alosoides</i> | 806635 |
| | <i>Cyprinus carpio</i> | 806643 | <i>Hiodon tergisus</i> | 806635 |
| Young | | | Gobiidae | |
| | Acipenseromorpha | | <i>Lota lota</i> | 806635 |
| | <i>Acipenser stellatus</i> | 807655 | Aphredoderidae | |
| | Percidae | | <i>Aphredoderus sayanus</i> | 806635 |
| | <i>Perca fluviatilis</i> | 804054 | Esocidae | |
| Juvenile | | | Salmonidae | |
| | Clupeidae | | <i>Coregonus peled</i> | 807668 |
| | <i>Hilsa ilisha</i> | 805604 | <i>Oncorhynchus</i> | |
| Mathematical growth analysis | | | <i>Oncorhynchus tshawytscha</i> | 808657 |
| | Gadidae | | <i>Salmo salar</i> | 806679 |
| | <i>Gadus macrocephalus</i> | 807346 | <i>Salmo trutta</i> | 805813 |
| Inhertantidae | | | Young | |
| | Percidae | | Percidae | |
| | <i>Perca fluviatilis</i> | 806627 | <i>Stizostedion vitreum</i> | 806115 |
| Intraspecific variation | | | Catostomidae | |
| | Pleuronectidae | 807908 | <i>Catostomus commersoni</i> | 806115 |
| | Hexagrammidae | | Change with age | |
| | <i>Ophiodon elongatus</i> | 807913 | Salmonidae | |
| Gadidae | | | <i>Salmo gairdneri</i> | 807527 |
| <i>Gadus macrocephalus</i> | 807913 | | <i>Salmo salar</i> | 807925 |
| Seasonal changes | | | Seasonal changes | |
| | Clupeidae | | Sciaenidae | |
| | <i>Sardinella aurita</i> | 804500 | <i>Pseudolithus senegalensis</i> | 806762 |
| | <i>Sardinella maderensis</i> | 804502 | | 808648 |
| Captive vs natural fishes | | | <i>Pseudolithus typus</i> | 806762 |
| Pangasiidae | | | Cottidae | |
| <i>Pangasius pangasius</i> | 806572 | | <i>Cottus beldingi</i> | 808721 |
| Coefficient of condition | | | Clupeidae | |
| Petromyzontomorpha | | | <i>Gudusia chapra</i> | 805694 |
| <i>Caspiomyzon wagneri</i> | 807955 | | Megalopidae | |
| Acipenseromorpha | 806635 | | <i>Megalops cyprinoides</i> | 809005 |
| Amiromorpha | | | Cyprinidae | |
| <i>Amia calva</i> | 806635 | | <i>Abramis brama</i> | 807749 |
| Semionotomorpha | 806635 | | <i>Cyprinus carpio</i> | 807749 |
| Teleostei | 806662 | | <i>Notropis stramineus</i> | 807832 |
| Anarhichadidae | 806559 | | <i>Rutilus rutilus</i> | 807749 |
| Mugilidae | | | Argentinidae | |
| <i>Liza macrolepis</i> | 804575 | | <i>Argentina sphyraena</i> | 803868 |
| <i>Mugil cephalus</i> | 804575 | | | 804534 |
| <i>Rhinomugil corsula</i> | 806602 | | Harpadontidae | |
| Centropomidae | | | <i>Harpodon nehereus</i> | 806064 |
| <i>Lates niloticus</i> | 806575 | | Captive vs natural fishes | |
| Cichlidae | | | Scombridae | |
| <i>Tilapia mossambica</i> | 804581 | | <i>Scomber japonicus</i> | 803784 |
| Percidae | | | | |
| <i>Stizostedion vitreum</i> | 807775 | | | |
| Pomadasysidae | | | Altimetry | |
| <i>Brachydeuterus auritus</i> | 806754 | | Sciaenidae | |
| Sciaenidae | | | <i>Pseudolithus senegalensis</i> | 805648 |
| <i>Microgobius furnieri</i> | 807744 | | <i>Pseudolithus typus</i> | 805648 |
| <i>Pseudosciaena diacanthus</i> | 806754 | | Serranidae | |
| <i>Pseudolithus senegalensis</i> | 806754 | | <i>Lateolabrax japonicus</i> | 807068 |
| Serranidae | | | Sparidae | |
| <i>Morone mississippiensis</i> | 806643 | | <i>Acanthopagrus schlegelii</i> | 807068 |
| <i>Salmo gairdneri</i> | 806643 | | <i>Chrysophrys auratus</i> | 806233 |
| <i>Salmo trutta</i> | 806643 | | <i>Chrysophrys major</i> | 806233 |
| Cyprinidae | | | <i>Chrysophrys unicolor</i> | 806233 |
| <i>Akodon nelsoni</i> | 804437 | | Xiphiidae | |
| <i>Brevoortia smithi</i> | 804437 | | <i>Xiphus pascu</i> | 807692 |
| <i>Brevoortia smithi X</i> | 804437 | | Stomatopoda | |
| <i>Brevoortia tyrannus X</i> | 804437 | | <i>Amastopus carlsbergi</i> | 806816 |
| <i>Brevoortia tyrannus X</i> | 804437 | | Centropomidae | |
| <i>Brevoortia tyrannus X</i> | 804437 | | <i>Schedophilus pamarco</i> | 806775 |
| <i>Brevoortia smithi X</i> | 804437 | | Agonidae | |
| <i>Clupea harengus</i> | 804437 | | <i>Agonus cataphractus</i> | 807955 |
| | 804437 | | Cyprinidae | |
| | 804437 | | <i>Barilius barila</i> | 808983 |
| | 804437 | | <i>Barilius bendelisis</i> | 808983 |
| | 804437 | | <i>Phoxinus eos</i> | 807616 |
| | 804437 | | <i>Phoxinus erythrogaster</i> | 807616 |
| Anguillidae | | | Zoaridae | |
| <i>Anguilla rostrata</i> | 806635 | | <i>Lycodopsis pacifica</i> | 807500 |
| Catostomidae | | | Argentinidae | |
| <i>Catostomus catostomus</i> | 806635 | | <i>Argentina sphyraena</i> | 803617 |
| <i>Catostomus commersoni</i> | 806635 | | Salmonidae | |
| Cobitidae | | | <i>Coregonus autumnalis</i> | 807695 |
| <i>Cobitis aurata</i> | 806635 | | Body form | |
| Cyprinidae | | | Elasmobranchii | |
| <i>Barbus kolus</i> | 806635 | | Acipenseromorpha | |
| <i>Carassius auratus</i> | 806635 | | <i>Acipenser stellatus</i> | 807979 |
| <i>Cyprinus carpio</i> | 806635 | | Teleostei | |
| | 806635 | | <i>Chimaeromorpha</i> | |
| <i>Garra gotyla</i> | 806635 | | <i>Rhinocimaera atlantica</i> | 807586 |
| <i>Rhinichthys atratulus</i> | 806635 | | Fins | |
| <i>Varicorhinus capota</i> | 806635 | | Teleostei | 807979 |
| Isotacidae | | | | |
| <i>Pygidictis olivaris</i> | 806635 | | | |

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|---------------------------------|--------|----------------------------------------|--------|------------------|
| Jaws | | Wound healing | | Growth |
| Teleostei | 807979 | Caudal fin | | (continued) |
| Eye | | Regeneration | | |
| Elasmobranchii | 807979 | Stromateidae | | |
| Acipenseromorphs | 807979 | <i>Stromateus cinereus</i> | 807975 | |
| Teleostei | 807979 | Vitamin requirements | | Nutrition |
| Intraspecific variation | | Experimental analysis | | |
| Gas bladder | | Salmonidae | | |
| Cyprinidae | | <i>Oncorhynchus kisutch</i> | 807877 | |
| <i>Carassius carassius</i> | 806048 | <i>Salmo gairdneri</i> | 807877 | |
| <i>Cyprinus carpio</i> | 806048 | Ascorbic acid | | |
| <i>Rutilus rutilus</i> | 806048 | Experimental analysis | | |
| <i>Tinca tinca</i> | 806048 | Salmonidae | | |
| Coelom | | <i>Oncorhynchus kisutch</i> | 806083 | |
| Cyprinidae | | Wounds | | |
| <i>Carassius carassius</i> | 806048 | Scombridae | 804226 | |
| <i>Cyprinus carpio</i> | 806048 | Nutrition | | |
| <i>Rutilus rutilus</i> | 806048 | Effect on fish | | |
| <i>Tinca tinca</i> | 806048 | Biochemical blood constituents | | |
| Dentary | | Salmonidae | | |
| Serranidae | | <i>Salmo gairdneri</i> | 807827 | |
| <i>Lateolabrax japonicus</i> | 808151 | Hemoglobin | | |
| Premaxillary | | Salmonidae | | |
| Spadidae | | <i>Salmo gairdneri</i> | 807827 | |
| <i>Acanthopagrus schlegelii</i> | 808151 | Natural mortality | | |
| <i>Chrysophrys major</i> | 808151 | Salmonidae | | |
| Maximum size | | <i>Oncorhynchus tshawytscha</i> | 807879 | |
| Squalomorpha | 803517 | Artificial propagation and planting | | |
| Acipenseromorphs | 803517 | Salmonidae | | |
| <i>Acipenser transmontanus</i> | 803518 | <i>Oncorhynchus tshawytscha</i> | 807879 | |
| Semionotomorpha | 803517 | Energy consumption | | |
| Teleostei | 803517 | Fry | | |
| Percidae | | Change with age | | |
| <i>Sizostedion canadense</i> | 804525 | Centrarchidae | | |
| Scomberesocidae | | <i>Micropterus salmoides</i> | 807825 | |
| <i>Scomberesox saurus</i> | 805336 | Growth | | |
| Clupeidae | | Teleostei | 809069 | |
| <i>Sardinella longiceps</i> | 807079 | Exercise | | |
| Gobiesociformes | | Teleostei | 809069 | |
| <i>Derilissus nanus</i> | 807594 | Reproduction | | |
| Archeological data | | Teleostei | 809069 | |
| Esocidae | | Maintenance energy requirements | | |
| <i>Esox lucius</i> | 805204 | Teleostei | 809069 | |
| Regeneration | | Carangidae | | |
| Anal fin | | <i>Trachurus japonicus</i> | 805430 | |
| Experimental analysis | | Percidae | | |
| Poeciliidae | | <i>Perca fluviatilis</i> | 803901 | |
| <i>Poecilia reticulata</i> | 806867 | Pleuronectidae | | |
| Thyroid hormone | | <i>Pleuronectes platessa</i> | 803901 | |
| Poeciliidae | | Soleidae | | |
| <i>Poecilia reticulata</i> | 806867 | <i>Solea solea</i> | 803901 | |
| Androgens | | Balistidae | | |
| Poeciliidae | | <i>Monacanthus tomentosus</i> | 805430 | |
| <i>Poecilia reticulata</i> | 806867 | Tetraodontidae | | |
| Scales | | <i>Fugu vermicularis</i> | 805430 | |
| Anatomy | | Cyprinidae | | |
| Salmonidae | | <i>Cyprinus carpio</i> | 806119 | |
| <i>Oncorhynchus nerka</i> | 808655 | Salmonidae | | |
| Fins | | <i>Oncorhynchus keta</i> | 807443 | |
| Experimental analysis | | <i>Salmo gairdneri</i> | 805430 | |
| Esocidae | | Experimental analysis | | |
| <i>Esox lucius</i> | 808221 | Cyprinidae | | |
| Salmonidae | | <i>Hypophthalmichthys molitrix</i> | 807653 | |
| <i>Salmo gairdneri</i> | 808697 | Nitrogen metabolism | | |
| Change with age | | Experimental analysis | | |
| Esocidae | | Centrarchidae | | |
| <i>Esox lucius</i> | 808221 | <i>Lepomis macrochirus</i> | 807454 | |
| Electric organs | | Change with age | | |
| Experimental analysis | | Centrarchidae | | |
| Gymnotidae | | <i>Lepomis macrochirus</i> | 807454 | |
| <i>Gymnotus carapo</i> | 805717 | Yolk | | |
| Telencephalon | | Change with age | | |
| Experimental analysis | | Centrarchidae | | |
| Cyprinidae | | <i>Micropterus salmoides</i> | 807825 | |
| <i>Carassius auratus</i> | 804335 | Larva | | |
| Optic nerve | | Teleostei | 809081 | |
| Biochemistry | | Seasonal changes | | |
| Cyprinidae | | Experimental analysis | | |
| <i>Carassius auratus</i> | 809019 | Salmonidae | | |
| Experimental analysis | | <i>Salvelinus fontinalis</i> | 807801 | |
| Cyprinidae | | Feeding | | |
| <i>Carassius auratus</i> | 803902 | Change with age | | |
| Protein content | | Centrarchidae | | |
| Cyprinidae | | <i>Micropterus salmoides</i> | 807825 | |
| <i>Carassius auratus</i> | 809019 | Preying on small prey | | |
| Spinal cord | | Computer analysis | | |
| Experimental analysis | | Centrarchidae | | |
| Cyprinidae | | <i>Micropterus salmoides</i> | 806866 | |
| <i>Carassius auratus</i> | 804347 | Feeding captive fish | | |
| | 804371 | Experimental analysis | | |
| Neurosecretion in brain | | Cyprinidae | 808207 | |
| Experimental analysis | | <i>Cyprinus carpio</i> | | |
| Clariidae | | | | |
| <i>Clarias batrachus</i> | 804107 | | | |

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| Nutrition (continued) | Energy conversion efficiency | | <i>Oncorhynchus kisutch</i> | 807084 |
| | Petromyzontomorph | | Artificial feeds and feeding | |
| | <i>Petromyzon marinus</i> | 805642 | Experimental analysis | |
| | Teleostei | 805509 | Ictaluridae | |
| | Centrarchidae | 808829 | <i>Ictalurus punctatus</i> | 808551 |
| | <i>Micropterus salmoides</i> | 806373 | Salmonidae | |
| | Percidae | 808513 | <i>Salmo gairdneri</i> | 808209 |
| | <i>Perca fluviatilis</i> | 803901 | Rate of growth | |
| | Sparidae | | Ictaluridae | |
| | <i>Pagrus major</i> | 805623 | <i>Ictalurus melas</i> | 807779 |
| | Botiidae | | <i>Ictalurus punctatus</i> | 807779 |
| | <i>Scophthalmus maximus</i> | 806464 | Intraspecific variation | |
| | <i>Scophthalmus rhombus</i> | 806464 | Ictaluridae | |
| | Pleuronectidae | | <i>Ictalurus melas</i> | 807779 |
| | <i>Limanda limanda</i> | 806464 | <i>Ictalurus punctatus</i> | 807779 |
| | <i>Platichthys flesus</i> | 806464 | Pentachlorophenol | |
| | <i>Pleuronectes platessa</i> | 803901 | Thyroid hormone | |
| | | 806464 | Experimental analysis | |
| | | 807546 | Cichlidae | 806997 |
| | Soleidae | | Starvation | |
| | <i>Solea solea</i> | 803901 | Experimental analysis | |
| | | 806464 | Cichlidae | 806997 |
| | Cottidae | | Exercise | |
| | <i>Cottus perplexus</i> | 806992 | Effect on fish | |
| | Cyprinidae | | Salmonidae | |
| | <i>Alburnus alburnus</i> | 805567 | <i>Oncorhynchus tshawytscha</i> | 806617 |
| | <i>Cyprinus carpio</i> | 808228 | Oxygen consumption | |
| | <i>Rutilus rutilus</i> | 805567 | Mugilidae | |
| | Ictaluridae | | <i>Liza macrolepis</i> | 805054 |
| | <i>Ictalurus punctatus</i> | 808512 | Salmonidae | |
| | Salmonidae | | <i>Salmo gairdneri</i> | 806271 |
| | <i>Salmo clarki</i> | 806992 | Oxidative metabolism | |
| | <i>Salvelinus fontinalis</i> | 806034 | Scyliorhinidae | |
| | Experimental analysis | | <i>Scyliorhinus stellaris</i> | 805129 |
| | Pleuronectidae | | | 805247 |
| | <i>Limanda limanda</i> | 804473 | Cyprinidae | |
| | <i>Pleuronectes platessa</i> | 804473 | <i>Cyprinus carpio</i> | 806607 |
| | Scophthalmidae | | Salmonidae | |
| | <i>Scophthalmus maximus</i> | 805064 | <i>Salvelinus fontinalis</i> | 808849 |
| | Soleidae | | Ion and water relationships | |
| | <i>Solea solea</i> | 805064 | Cichlidae | |
| | Cyprinidae | | <i>Tilapia nilotica</i> | 807526 |
| | <i>Cyprinus carpio</i> | 808207 | Adrenal cortex | |
| | Protein content | | Salmonidae | |
| | Carbohydrate content | | <i>Oncorhynchus kisutch</i> | 804368 |
| | Teleostei | 809069 | <i>Salmo gairdneri</i> | 804368 |
| | Young | | Heart | |
| | Experimental analysis | | Centrarchidae | |
| | Cyprinidae | | <i>Lepomis gibbosus</i> | 803826 |
| | <i>Hypophthalmichthys molitrix</i> | 807653 | Ictaluridae | |
| | Exercise | | <i>Ictalurus nebulosus</i> | 803826 |
| | Experimental analysis | | Salmonidae | |
| | Salmonidae | | <i>Salmo trutta</i> | 803826 |
| | <i>Salvelinus fontinalis</i> | 808849 | Hemodynamics | |
| | Protein requirements | | Salmonidae | |
| | Experimental analysis | | <i>Salmo gairdneri</i> | 806857 |
| | Ictaluridae | | Gas transport by blood | |
| | <i>Ictalurus punctatus</i> | 808523 | Salmonidae | |
| | Amino acid requirements | | <i>Salmo gairdneri</i> | 806857 |
| | Experimental analysis | | Salmonidae | |
| | Salmonidae | | <i>Salvelinus fontinalis</i> | 808849 |
| | <i>Salvelinus fontinalis</i> | 808850 | Swimming endurance | |
| | Vitamin requirements | | Salmonidae | |
| | Experimental analysis | | <i>Salvelinus fontinalis</i> | 808849 |
| | Salmonidae | | Breathing | |
| | <i>Salvelinus fontinalis</i> | 808850 | Centrarchidae | |
| | Adiposity food capacity | | <i>Lepomis gibbosus</i> | 803826 |
| | Experimental analysis | | Ictaluridae | |
| | Salmonidae | | <i>Ictalurus nebulosus</i> | 803826 |
| | <i>Oncorhynchus nerka</i> | 807498 | Salmonidae | |
| | Temperature | | <i>Salmo trutta</i> | 803826 |
| | Experimental analysis | | Natural mortality | |
| | Centrarchidae | | Salmonidae | |
| | <i>Micropterus salmoides</i> | 806637 | <i>Oncorhynchus tshawytscha</i> | 807879 |
| | Salmonidae | | Artificial propagation and planting | |
| | <i>Oncorhynchus kisutch</i> | 807498 | Salmonidae | |
| | <i>Oncorhynchus nerka</i> | 806972 | <i>Oncorhynchus tshawytscha</i> | 807879 |
| | <i>Salvelinus fontinalis</i> | | Oxygen consumption | |
| | Light | | Gadidae | |
| | Experimental analysis | | <i>Melanogrammus aeglefinus</i> | 803568 |
| | Salmonidae | | Ion and water relationships | |
| | <i>Salvelinus fontinalis</i> | 808847 | Experimental analysis | |
| | Sensory changes | | Salmonidae | |
| | Experimental analysis | | <i>Salmo gairdneri</i> | 803589 |
| | Salmonidae | | | |
| | <i>Oncorhynchus kisutch</i> | 807084 | Dietary requirements | |
| | <i>Salvelinus fontinalis</i> | 807801 | Teleostei | |
| | Change with age | | Poeciliidae | |
| | Characidae | | <i>Poecilia reticulata</i> | 805765 |
| | <i>Alestes baremose</i> | 808022 | Salmonidae | |
| | Temperature | | <i>Salmo salar</i> | 808505 |
| | Salmonidae | | <i>Salvelinus namaycush</i> | 808505 |

Nutrition (continued)

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|-------------------------------|--------|----------------------------------|--------|
| Experimental analysis | | Nitrogen metabolism | |
| Pleuronectidae | | Cyprinidae | |
| <i>Limanda limanda</i> | 804473 | <i>Cyprinus carpio</i> | 807726 |
| <i>Pleuronectes platessa</i> | 804473 | Ontogenetic color change | |
| Cyprinodontidae | | Labridae | |
| <i>Cyprinodon nevadensis</i> | 806973 | <i>Pimelometopon pulchrum</i> | 804898 |
| Poeciliidae | | Adrenal cortex | |
| <i>Gambusia affinis</i> | 806973 | Salmonidae | |
| Larva | | <i>Oncorhynchus nerka</i> | 807530 |
| Clupeidae | | Pancreatic islets | |
| <i>Clupea harengus</i> | 806558 | Cottidae | |
| Change with age | | <i>Myoxocephalus scorpius</i> | 807963 |
| Cyprinidae | | Hemopoiesis | |
| <i>Rutilus rutilus</i> | 807716 | Belontiidae | |
| Rate of growth | | <i>Trichogaster trichopterus</i> | 808752 |
| Experimental analysis | | Erythrocytes | |
| Carangidae | | Salmonidae | |
| <i>Seriola quinqueradiata</i> | 805503 | <i>Oncorhynchus keta</i> | 807681 |
| Balistidae | | Biochemical blood constituents | |
| <i>Monacanthus tomentosus</i> | 805503 | Pomadasyidae | |
| Tetraodontidae | | <i>Haemulon plumieri</i> | 806910 |
| <i>Fugu vermicularis</i> | 805503 | Cyprinidae | |
| Salmonidae | | <i>Cyprinus carpio</i> | 805455 |
| <i>Salmo gairdneri</i> | 805503 | 807933 | |
| Salinity | | Hemoglobin | |
| Experimental analysis | | Cyprinidae | |
| Salmonidae | | <i>Cyprinus carpio</i> | 807933 |
| <i>Salmo salar</i> | 807925 | Immunological reactions | |
| Insecta | | Cyprinidae | |
| Seasonal changes | | <i>Cyprinus carpio</i> | 805455 |
| Umbridae | | Gut | |
| <i>Umbra limi</i> | 809049 | Pomadasyidae | |
| Circadian rhythms | | <i>Haemulon plumieri</i> | 806910 |
| Experimental analysis | | Stomach | |
| Carangidae | | Scombridae | |
| <i>Seriola quinqueradiata</i> | 805502 | <i>Scomber japonicus</i> | 806578 |
| Balistidae | | Intestine | |
| <i>Monacanthus tomentosus</i> | 805502 | Cyprinidae | |
| Tetraodontidae | | <i>Carassius carassius</i> | 806352 |
| <i>Fugu vermicularis</i> | 805502 | <i>Cyprinus carpio</i> | 806352 |
| Salmonidae | | Salmonidae | 807659 |
| <i>Salmo gairdneri</i> | 805502 | <i>Coregonus lavaretus</i> | 806352 |
| Seasonal changes | | <i>Coregonus nasus</i> | 806352 |
| Characidae | | <i>Coregonus peled</i> | 806352 |
| <i>Alestes baremoze</i> | 808022 | <i>Salmo salar</i> | 806352 |
| Activity patterns | | Liver | |
| Experimental analysis | | Cottidae | |
| Poeciliidae | | <i>Myoxocephalus scorpius</i> | 807963 |
| <i>Poecilia reticulata</i> | 804885 | Clariidae | |
| Cyprinidae | | <i>Clarias batrachus</i> | 806692 |
| <i>Carassius carassius</i> | 804885 | Ictaluridae | |
| Feeding | | <i>Ictalurus punctatus</i> | 807081 |
| Activity patterns | | Larva | |
| Scombridae | | Clupeidae | |
| <i>Euthynnus pelamis</i> | 807823 | <i>Sardina pilchardus</i> | 804529 |
| Instrumental conditioning | | Young | |
| Experimental analysis | | Salmonidae | |
| Teleostei | 808329 | <i>Oncorhynchus keta</i> | 807681 |
| Starvation | | Rate of growth | |
| Salmonidae | | Salmonidae | |
| <i>Salvelinus fontinalis</i> | 806030 | <i>Salmo gairdneri</i> | 808545 |
| Effect on fish | | Weight length relationship | |
| Teleostei | 809069 | Anguillidae | |
| Histology | | <i>Anguilla anguilla</i> | 805974 |
| Salmonidae | 807659 | Coefficient of condition | |
| Metabolic rate | | Cyprinidae | |
| Cyprinidae | | <i>Cyprinus carpio</i> | 805455 |
| <i>Cyprinus carpio</i> | 806119 | Adlibitum food capacity | |
| Oxygen consumption | | Scombridae | |
| Cyprinidae | | <i>Euthynnus pelamis</i> | 807823 |
| <i>Cyprinus carpio</i> | 806119 | Light | |
| Umbridae | | Gasterosteidae | |
| <i>Umbra limi</i> | 808026 | <i>Gasterosteus aculeatus</i> | 807656 |
| Body content | | <i>Pungitius pungitius</i> | 807656 |
| Cichlidae | 806997 | Cyprinidae | |
| Pleuronectidae | | <i>Leucaspis delineatus</i> | 807656 |
| <i>Pleuronectes platessa</i> | 804473 | Seasonal changes | |
| Water content | | Salmonidae | |
| Cyprinidae | | <i>Oncorhynchus nerka</i> | 807530 |
| <i>Cyprinus carpio</i> | 807933 | Habitat preference | |
| Vitamin content | | Gasterosteidae | |
| Cyprinidae | | <i>Gasterosteus aculeatus</i> | 807656 |
| <i>Aristichthys nobilis</i> | 808357 | <i>Pungitius pungitius</i> | 807656 |
| DNA content and function | | Cyprinidae | |
| Cyprinidae | | <i>Leucaspis delineatus</i> | 807656 |
| <i>Cyprinus carpio</i> | 805240 | Antivitamin content | |
| RNA content and function | | Cyprinidae | |
| Cyprinidae | | <i>Aristichthys nobilis</i> | 808357 |
| <i>Cyprinus carpio</i> | 805240 | Adenohypophysis | |
| Enzymology | | Experimental analysis | |
| Salmonidae | | Petromyzontomorpha | |
| <i>Salmo gairdneri</i> | 807544 | <i>Lampetra fluviatilis</i> | 806305 |

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|---------------------------------------|--------|---------------------------------|--------|----------|
| Liver | | <i>Alosa kessleri</i> | 807771 | Genetics |
| Experimental analysis | | <i>Alosa maotica</i> | 805365 | |
| Cichlidae | | <i>Alosa pontica</i> | 805365 | |
| <i>Tilapia mossambica</i> | 803723 | <i>Brevoortia patronus X</i> | | |
| Larva | | <i>Brevoortia smithi X</i> | 807796 | |
| Teleostei | 809081 | <i>Brevoortia smithi X</i> | | |
| Rate of growth | | <i>Brevoortia patronus X</i> | 807796 | |
| Effect on fish | | <i>Clupea harengus</i> | 805301 | |
| Centrarchidae | | <i>Ethmalosa fimbriata</i> | 806743 | |
| <i>Lepomis macrochirus</i> | 803536 | <i>Opisthonema oglinum</i> | 804224 | |
| Mendelian inheritance | | | 806498 | |
| Poeciliidae | | <i>Sardinella longiceps</i> | 808598 | |
| <i>Poecilia reticulata</i> | 803913 | Engraulidae | | |
| Sex inheritance | | <i>Cetengraulis mysticetus</i> | 808646 | |
| Belontiidae | | <i>Engraulis mordax</i> | 807890 | |
| <i>Betta splendens</i> | 806266 | <i>Engraulis ringens</i> | 805701 | |
| Cichlidae | | Characidae | | |
| <i>Tilapia mossambica X</i> | | <i>Alestes macrophthalmus</i> | 804392 | |
| <i>Tilapia hornorum X</i> | 806125 | Catostomidae | | |
| Poeciliidae | | <i>Catostomus catostomus</i> | 807422 | |
| <i>Poecilia reticulata</i> | 803913 | Cyprinidae | | |
| <i>Xiphophorus pygmaeus</i> | 807269 | <i>Abramis brama</i> | 807648 | |
| Experimental analysis | | <i>Alburnus alburnus</i> | 807525 | |
| Teleostei | 809080 | <i>Blicca bjoerkna</i> | 807291 | |
| Oryziatidae | | <i>Carassius auratus</i> | 806041 | |
| <i>Oryzias latipes</i> | 809080 | <i>Rhinichthys atratulus</i> | 806272 | |
| Estrogens | | | 807833 | |
| Experimental analysis | | <i>Richardsonius egreus</i> | 808730 | |
| Oryziatidae | | <i>Rutilus rutilus</i> | 807525 | |
| <i>Oryzias latipes</i> | 804357 | Mormyridae | 803915 | |
| Sex linked inheritance | | Gadidae | | |
| Poeciliidae | | <i>Gadus morhua</i> | 807541 | |
| <i>Poecilia reticulata</i> | 803831 | <i>Melanogrammus aeglefinus</i> | 805287 | |
| Sex ratio | 807887 | <i>Micromesistius poutassou</i> | 808045 | |
| | | <i>Theragra chalcogramma</i> | 807667 | |
| Petromyzontomorpha | | Esocidae | | |
| <i>Petromyzon marinus</i> | 805643 | <i>Esox lucius</i> | 804524 | |
| Dasyatiidae | | | 808801 | |
| <i>Dasyatis centroura</i> | 804187 | Salmonidae | | |
| Carcharhinidae | | <i>Coregonus clupeoides</i> | 803672 | |
| <i>Agrionodon isodon</i> | 804914 | <i>Oncorhynchus nerka</i> | 807378 | |
| <i>Carcharhinus leucas</i> | 807581 | <i>Prosopium cylindraceum</i> | 807774 | |
| Gobiidae | | <i>Salmo salar</i> | 807440 | |
| <i>Glossogobius giuris</i> | 808633 | | 808123 | |
| Mugiloidae | | <i>Salmo trutta</i> | 805813 | |
| <i>Liza macrolepis</i> | 808575 | | 806414 | |
| Lethrinidae | | <i>Salvelinus alpinus</i> | 805541 | |
| <i>Lethrinus lentjan</i> | 808583 | <i>Salvelinus leucomaenis</i> | 807768 | |
| Percidae | | Descriptive evolution | | |
| <i>Percu fluviatilis</i> | 804420 | Hermaphroditic gonads | | |
| <i>Sizostedion canadense</i> | 804525 | Teleostei | 807927 | |
| | 808795 | Acclimation | | |
| Pomadasysidae | | Descriptive evolution | | |
| <i>Brachydeuterus auritus</i> | 806754 | Poeciliidae | | |
| Sciaenidae | | <i>Poecilia reticulata</i> | 804360 | |
| <i>Cynoscion petranus</i> | 804304 | Fry | | |
| <i>Pseudosciaena diacanthus</i> | 808570 | Salmonidae | | |
| <i>Pseudotolithus senegalensis</i> | 806750 | <i>Oncorhynchus keta</i> | 808912 | |
| | 808648 | Juvenile | | |
| Sparidae | 805663 | Salmonidae | | |
| Theraponidae | | <i>Salmo salar</i> | 806028 | |
| <i>Therapon plumbeus</i> | 808633 | Change with age | | |
| Polynemoidae | | Percidae | | |
| <i>Polydactylus paradiseus</i> | 804280 | <i>Sizostedion canadense</i> | 808802 | |
| <i>Polydactylus plebeius</i> | 804280 | <i>Sizostedion vitreum</i> | 808802 | |
| <i>Polydactylus xanthonemus</i> | 804280 | Sparidae | | |
| Istiophoridae | | <i>Dentex macrophthalmus</i> | 805663 | |
| <i>Istiophorus platypterus</i> | 808879 | <i>Diplodus vulgaris</i> | 805663 | |
| <i>Makaira nigricans</i> | 807932 | <i>Pagellus acarne</i> | 805663 | |
| | 808879 | <i>Pagellus bogaraveo</i> | 806838 | |
| <i>Tetrapterus audax</i> | 808879 | <i>Sparus caeruleostictus</i> | 805663 | |
| Scombridae | | <i>Spondylisoma cantharus</i> | 805663 | |
| <i>Euthynnus pelamis</i> | 808364 | Agonidae | | |
| <i>Thunnus</i> | 808147 | <i>Agonus cataphractus</i> | 807955 | |
| <i>Thunnus alalunga</i> | 808364 | Cyprinidae | | |
| | 808652 | <i>Carassius carassius</i> | 806685 | |
| Xiphiidae | | Gadidae | | |
| <i>Xiphias gladius</i> | 804674 | <i>Gadus morhua</i> | 807725 | |
| | 808879 | Esocidae | | |
| Pleuronectidae | | <i>Esox lucius</i> | 808802 | |
| <i>Parophrys vetulus</i> | 805942 | Osmeridae | | |
| <i>Pleuronectes platessa</i> | 805332 | <i>Osmerus mordax</i> | 807862 | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | Salmonidae | | |
| Cottidae | | <i>Salmo salar</i> | 806879 | |
| <i>Cottus beldingi</i> | 808721 | Seasonal changes | | |
| Scorpaenidae | | Serranidae | | |
| <i>Sebastes mentella</i> | 804333 | <i>Epinephelus morio</i> | 806260 | |
| Balistidae | | Lakes | | |
| <i>Paramonacanthus choirocephalus</i> | 808494 | Anguillidae | | |
| <i>Paramonacanthus curtiorhynchus</i> | 808494 | <i>Anguilla rostrata</i> | 808177 | |
| Atherinidae | | Seasonal changes | | |
| <i>Menidia extensa</i> | 807835 | Petromyzontomorpha | | |
| Clupeidae | | <i>Petromyzon marinus</i> | 808027 | |
| <i>Alosa caspia</i> | 805365 | | | |

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|-------------------------|-------------------------------------|--------|-----------------------------------|--------|
| Genetics (continued) | Sciaenidae | | Ribs | |
| | <i>Johnius dussumieri</i> | 804737 | Rate of growth | |
| | Merlucciidae | | Cyprinidae | |
| Hybridization | <i>Merluccius merluccius</i> | 807688 | <i>Cyprinus carpio</i> | 805681 |
| | Change with age | | Rate of growth | |
| | Salmonidae | | Cyprinidae | |
| | <i>Oncorhynchus kisutch</i> | 806433 | <i>Cyprinus carpio</i> | 808248 |
| | Sex chromosomes | | Salmonidae | |
| | Teleostei | 809080 | <i>Oncorhynchus kisutch</i> | 806617 |
| | Melamphacidae | | Intraspecific variation | |
| | <i>Melamphaes parvus</i> | 804485 | Cyprinidae | |
| | <i>Scopeloberyx robustus</i> | 804485 | <i>Cyprinus carpio</i> | 806412 |
| | <i>Scopelogadus mizolepis</i> | 804485 | Reproductive season | |
| | Belontiidae | | Salmonidae | |
| | <i>Colisa lalia</i> | 806393 | <i>Salmo gairdneri</i> | 806038 |
| | Scorpaenidae | | Genetic disease resistance | |
| | <i>Scorpaena porcus</i> | 804425 | Dropsy | |
| | Bathylagidae | | Cyprinidae | |
| | <i>Bathylagus milleri</i> | 804485 | <i>Cyprinus carpio</i> | 808237 |
| | <i>Bathylagus ochotensis</i> | 804485 | Abnormality | |
| | <i>Bathylagus stibius</i> | 804485 | Salmonidae | |
| | <i>Bathylagus wesethi</i> | 804485 | <i>Salmo gairdneri</i> | 808237 |
| | Myctophidae | | Liver | |
| | <i>Lampanyctus ritteri</i> | 804485 | Salmonidae | |
| | <i>Parvulus ingens</i> | 804485 | <i>Salmo gairdneri</i> | 808237 |
| | <i>Symbolophorus californiensis</i> | 804485 | Fish cultural methodology | |
| Inbreeding | Neoscolecidae | | Cyprinidae | |
| | <i>Scopeloglyx tristis</i> | 804485 | <i>Cyprinus carpio</i> | 808673 |
| | Sternopygidae | | Salmonidae | |
| | <i>Sternopyx diaphana</i> | 804485 | <i>Salmo gairdneri</i> | 808673 |
| | Effect on fish | | Egg storage | |
| | Aggressive behavior | | Milt storage | |
| | Oryziatidae | | Teleostei | 808967 |
| | <i>Oryzias latipes</i> | 806247 | Natural hybridization | |
| | Courtship | | Acipenseromorpha | |
| | Oryziatidae | | <i>Acipenser gueldenstaedti</i> X | |
| | <i>Oryzias latipes</i> | 806247 | <i>Acipenser ruthenus</i> X | 804930 |
| | Mating | | Centrarchidae | 806821 |
| | Oryziatidae | | Cichlidae | |
| | <i>Oryzias latipes</i> | 804345 | <i>Tilapia amphielmas</i> X | |
| | Crossing over | | <i>Tilapia esculenta</i> X | 808975 |
| | Experimental analysis | | Percidae | |
| | Poeciliidae | | <i>Etheostoma radiosum</i> X | |
| | <i>Poecilia reticulata</i> | 805254 | <i>Etheostoma spectabile</i> X | 807573 |
| | Radioactivity | | <i>Perca notogramma</i> X | |
| | Poeciliidae | | <i>Percina peltata</i> X | 807600 |
| | <i>Poecilia reticulata</i> | 805254 | Cottidae | |
| Inheritance | Teleostei | 806457 | <i>Cottus gobio</i> X | |
| | Cyprinidae | | <i>Cottus poecilopus</i> X | 805199 |
| | <i>Cyprinus carpio</i> | 804359 | Poeciliidae | |
| | Effect on fish | | <i>Gambusia affinis</i> X | |
| | Salmonidae | | <i>Gambusia georgiei</i> X | 807597 |
| | <i>Salmo gairdneri</i> | 806038 | <i>Poecilia mexicana</i> | 806268 |
| | Population genetics | 806080 | <i>Poecilia mexicana</i> X | |
| | Reservoirs | | <i>Poecilia latipinna</i> X | 805844 |
| | Cichlidae | | Clupeidae | |
| | <i>Tilapia macrochir</i> | 804358 | <i>Brevoortia smithi</i> X | |
| | <i>Tilapia melanopleura</i> | 804358 | <i>Brevoortia patronus</i> X | 807796 |
| | Crossing over | | <i>Brevoortia tyrannus</i> X | 804437 |
| | Sex chromosomes | | <i>Brevoortia tyrannus</i> X | 805075 |
| | Experimental analysis | | <i>Brevoortia patronus</i> X | 805075 |
| | Poeciliidae | | Catostomidae | |
| | <i>Poecilia reticulata</i> | 805254 | <i>Ictiobus bubalus</i> X | |
| | Radioactivity | | <i>Ictiobus cyprinellus</i> X | 807582 |
| | Poeciliidae | | Cyprinidae | 808617 |
| | <i>Poecilia reticulata</i> | 805254 | <i>Camptostoma anomalum</i> X | |
| Selection effects | Coloration | | <i>Phoxinus erythrogaster</i> X | 806821 |
| | Oryziatidae | | <i>Clinostomus funduloides</i> X | |
| | <i>Oryzias latipes</i> | 804351 | <i>Notropis cornutus</i> X | 806871 |
| | Fins | | <i>Notropis rubellus</i> X | 806871 |
| | Poeciliidae | | <i>Gila bicolor</i> X | 808730 |
| | <i>Poecilia reticulata</i> | 803561 | <i>Rhinichthys osculus</i> X | 808730 |
| | Fins | | <i>Richardsonius egregius</i> X | |
| | Cichlidae | | <i>Notropis cornutus</i> X | 806871 |
| | <i>Pharophyllum eimekei</i> | 803561 | <i>Clinostomus funduloides</i> X | 806871 |
| | Rate of growth | | <i>Notropis rubellus</i> X | 806871 |
| | Cyprinidae | | <i>Phoxinus erythrogaster</i> X | 806821 |
| | <i>Cyprinus carpio</i> | 808248 | <i>Camptostoma anomalum</i> X | |
| | Fishing methods | | <i>Rhinichthys osculus</i> X | 808730 |
| | Acipenseromorpha | 805087 | <i>Gila bicolor</i> X | 808730 |
| | Teleostei | 805087 | <i>Richardsonius egregius</i> X | |
| | Artificial selection | | Ictaluridae | |
| | <i>Cyprinus carpio</i> | 806122 | <i>Ictalurus</i> | 806367 |
| | | 808433 | <i>Noturus exilis</i> X | |
| | | 808966 | <i>Noturus miurus</i> X | 807152 |
| | | | <i>Noturus gyrinus</i> X | |
| | | | <i>Noturus miurus</i> X | 807152 |
| Salmonidae | | | Effect on fish | |
| | <i>Salmo gairdneri</i> | 806080 | Intraspecific variation | |
| | | | Cyprinidae | |
| | | | <i>Mylocheilus caurinus</i> X | 806998 |
| | | | <i>Richardsonius balteatus</i> X | |

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|------------------------------------------|--------|------------------------------------------|--------|---------------|
| Biochemical blood constituents | | <i>Salvelinus fontinalis</i> | 807613 | Genetics |
| Population genetics | | Heterosix | | (continued) |
| Catostomidae | | Cyprinidae | | |
| <i>Catostomus columbianus</i> | 809022 | <i>Cyprinus carpio</i> | 804359 | |
| <i>Catostomus platyrhynchus</i> | 809022 | Seasonal races | | |
| Artificial hybridization | | Salmonidae | | Hybridization |
| Acipenseromorpha | | <i>Salmo gairdneri</i> | 806017 | |
| <i>Acipenser gueldenstaedti X</i> | | Captive vs natural fishes | | |
| <i>Acipenser ruthenus X</i> | 808425 | Cyprinidae | | |
| <i>Huso huso X</i> | | <i>Cyprinus carpio</i> | 809058 | |
| <i>Acipenser gueldenstaedti X</i> | 808425 | Salmonidae | | |
| <i>Acipenser ruthenus X</i> | 808425 | <i>Salvelinus fontinalis</i> | 808515 | |
| Mugiloidae | | Heterosix | | |
| <i>Mugil capito X</i> | | Centrarchidae | | |
| <i>Mugil cephalus X</i> | 806756 | <i>Lepomis gibbosus X</i> | | |
| Centrarchidae | | <i>Lepomis macrochirus X</i> | 807867 | |
| <i>Lepomis gibbosus X</i> | | Cichlidae | | |
| <i>Lepomis macrochirus X</i> | 807867 | <i>Tilapia hornorum X</i> | | |
| Cichlidae | | <i>Tilapia mossambica X</i> | 806125 | |
| <i>Cichlasoma nigrofasciatum X</i> | | LDH isoenzymes | | |
| <i>Geophagus brasiliensis X</i> | 805780 | Salmonidae | | |
| <i>Pseudotropheus zebra X</i> | | <i>Salvelinus fontinalis X</i> | | |
| <i>Pseudotropheus fuscus X</i> | 806134 | <i>Salvelinus namaycush X</i> | 806979 | |
| <i>Tilapia hornorum X</i> | | Rate of growth | | |
| <i>Tilapia mossambica X</i> | 806125 | Density dependent regulation | | |
| Serranidae | | Salmonidae | | |
| <i>Morone chrysops X</i> | | <i>Salmo gairdneri</i> | 806080 | |
| <i>Morone saxatilis X</i> | 806649 | Artificial intraspecific hybridization | | |
| | 806671 | Cyprinidae | | |
| | 806671 | <i>Cyprinus carpio</i> | 804359 | |
| Pleuronectidae | | Hybrid incompatibility | | |
| <i>Platichthys flesus X</i> | | Use in systematics | | |
| <i>Limanda limanda X</i> | 808378 | Relationships | | |
| <i>Pleuronectes platessa X</i> | 806898 | Teleostei | 807661 | |
| | 808378 | Hybrid sterility | | |
| Cottidae | | Cyprinodontidae | | |
| <i>Cottus gobio X</i> | | <i>Aphyosemion gardneri</i> | 805843 | |
| <i>Cottus poecilopus X</i> | 803597 | <i>Aplocheilichthys macrophthalmus X</i> | | |
| Cyprinodontidae | | <i>Aplocheilichthys rancureli X</i> | 808264 | |
| <i>Aphyosemion gardneri</i> | 805843 | Poeciliidae | | |
| <i>Aplocheilichthys macrophthalmus X</i> | | <i>Poecilia latipinna X</i> | | |
| <i>Aplocheilichthys rancureli X</i> | 808264 | <i>Poecilia reticulata X</i> | 805410 | |
| Poeciliidae | | <i>Poecilia velifera X</i> | 805410 | |
| <i>Poecilia</i> | 805410 | <i>Poecilia sphenops X</i> | | |
| <i>Poecilia formosa X</i> | | <i>Poecilia reticulata X</i> | 805410 | |
| <i>Poecilia sphenops X</i> | 805844 | <i>Poecilia velifera X</i> | | |
| <i>Poecilia latipinna X</i> | | <i>Poecilia latipinna X</i> | 805410 | |
| <i>Poecilia mexicana X</i> | 805252 | <i>Poecilia reticulata X</i> | 805410 | |
| <i>Xiphophorus</i> | 806492 | Cyprinidae | | |
| <i>Xiphophorus maculatus X</i> | | <i>Mylocheilus caurinus X</i> | | |
| <i>Xiphophorus pygmaeus X</i> | 807269 | <i>Richardsonius balteatus X</i> | 806998 | |
| <i>Xiphophorus milleri X</i> | | Hybrid inviability | | |
| <i>Xiphophorus pygmaeus X</i> | 807269 | Cyprinidae | | |
| Characidae | | <i>Mylocheilus caurinus X</i> | | |
| <i>Metynnis schreitmulleri X</i> | | <i>Richardsonius balteatus X</i> | 806998 | |
| <i>Mylossoma argenteum X</i> | 803505 | General embryology | | |
| Cyprinidae | | Pleuronectidae | | |
| <i>Carassius auratus X</i> | | <i>Limanda limanda X</i> | | |
| <i>Cyprinus carpio X</i> | 808781 | <i>Platichthys flesus X</i> | 808378 | |
| <i>Rhinichthys atratulus X</i> | | <i>Pleuronectes platessa X</i> | | |
| <i>Rhinichthys cataractae X</i> | 807533 | <i>Platichthys flesus X</i> | 808378 | |
| Salmonidae | | Hybrid compatibility | | |
| <i>Salvelinus alpinus X</i> | | Pleuronectidae | | |
| <i>Salvelinus fontinalis X</i> | 806845 | <i>Limanda limanda X</i> | | |
| <i>Salvelinus namaycush X</i> | | <i>Platichthys flesus X</i> | 808378 | |
| <i>Salvelinus fontinalis X</i> | 803613 | <i>Pleuronectes platessa X</i> | | |
| Effect on fish | | <i>Platichthys flesus X</i> | 808378 | |
| Poeciliidae | | Clupeidae | | |
| <i>Xiphophorus</i> | 805884 | <i>Brevoortia patronus X</i> | | |
| Use in systematics | | <i>Brevoortia smithi X</i> | 807796 | |
| Relationships | | Cyprinidae | | |
| Teleostei | 807661 | <i>Catla catla X</i> | | |
| Artificial intraspecific hybridization | | <i>Labo rohita X</i> | 808577 | |
| Gasterosteidae | | <i>Ctenopharyngodon idella</i> | 808577 | |
| <i>Gasterosteus aculeatus</i> | 807543 | <i>Hypophthalmichthys molitrix</i> | 808577 | |
| Gobiidae | | Hatching | | |
| <i>Pomatoschistus minutus</i> | 804700 | General embryology | | |
| Pleuronectidae | | Centrarchidae | | |
| <i>Pleuronectes platessa</i> | 806898 | <i>Lepomis gibbosus X</i> | | |
| Cyprinodontidae | | <i>Lepomis macrochirus X</i> | 807867 | |
| <i>Aplocheilichthys macrophthalmus</i> | 808264 | Population genetics | | |
| Poeciliidae | | Clupeidae | | |
| <i>Xiphophorus helleri</i> | 806492 | <i>Clupea harengus</i> | 805912 | |
| <i>Xiphophorus montezumae</i> | 805884 | Gadidae | 805913 | |
| | 806492 | LDH isoenzymes | | |
| <i>Xiphophorus variatus</i> | 805884 | Cyprinodontidae | | |
| | 806492 | <i>Fundulus heteroclitus</i> | 808776 | |
| Cyprinidae | | Salmonidae | | |
| <i>Cyprinus carpio</i> | 806352 | <i>Oncorhynchus nerka</i> | 807338 | |
| Salmonidae | | Biochemical blood constituents | | |
| <i>Salmo gairdneri</i> | 806038 | Scorpaenidae | | |
| | 806617 | <i>Sebastes marinus</i> | 803875 | |
| <i>Salmo trutta</i> | 805917 | <i>Sebastes mentella</i> | 803875 | |

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|--------------------------------|--------------------------------------|--------|-----------------------------------|--------|
| Genetics (continued) | Gadidae | | <i>Barbus conchionius</i> | 806382 |
| | <i>Gadus morhua</i> | 805090 | <i>Notemigonus crysoleucas</i> | 807144 |
| | Hemoglobin | | <i>Notropis callistius</i> | 807602 |
| Cytogenetics | Polymorphism | | <i>Notropis lutrensis</i> | 807144 |
| | Gadidae | | <i>Notropis stilbuis</i> | 807602 |
| | <i>Gadus morhua</i> | 804937 | Bagridae | |
| | Serum transferrin | | <i>Mystus seenghala</i> | 804483 |
| | Merlucciidae | | <i>Mystus vittatus</i> | 806381 |
| | <i>Merluccius productus</i> | 807555 | Clariidae | |
| | Heterosis | | <i>Clarias batrachus</i> | 806686 |
| | Enzymology | | Siluridae | |
| | Cyprinidae | | <i>Wallagonia attu</i> | 806381 |
| | <i>Carassius auratus</i> | 805256 | Bathylagidae | 804485 |
| | Polymorphism | | Myctophidae | 804485 |
| | Hemoglobin | | Neoscolecidae | |
| | Gobiidae | | <i>Scopeloglysis tristis</i> | 804485 |
| | <i>Gobius fluviatilis</i> | 807142 | Sternoptychidae | 804485 |
| | Cottidae | | Descriptive evolution | |
| | <i>Cottus gobio</i> | 807141 | Poeciliidae | |
| | Chromosomes | | <i>Poecilia</i> | 805252 |
| | Change with age | | <i>Poecilia formosa</i> | 804792 |
| | Cleavage and epiboly | | | 805252 |
| | Scophthalmidae | | Change with age | |
| | <i>Scophthalmus maeoticus</i> | 804783 | Scophthalmidae | |
| | Mutagenic agents | | <i>Scophthalmus maeoticus</i> | 804783 |
| | Experimental analysis | | Geographic variation | |
| | Salmonidae | | Cytology | |
| | <i>Coregonus peled</i> | 805394 | Clupeidae | |
| | <i>Salmo gairdneri</i> | 805394 | <i>Alosa pseudoharengus</i> | 807592 |
| | Chromosome number | | Descriptive evolution | |
| | Channiformes | | Clupeidae | |
| | <i>Channa punctatus</i> | 806953 | <i>Alosa pseudoharengus</i> | 807592 |
| | Amphipnoidea | | Primitive vs advanced traits | |
| | <i>Amphipneus cuchia</i> | 806954 | Salmonidae | 807750 |
| | Anguillidae | | Polyploidy | |
| | <i>Anguilla japonica</i> | 806580 | Cobitidae | |
| | Characidae | | <i>Cobitis biwae</i> | 804624 |
| | <i>Hemigrammus erythrozonus</i> | 805397 | Cyprinidae | 804321 |
| | <i>Hyphessobrycon innesi</i> | 805397 | <i>Cyprinus carpio</i> | 807024 |
| | Cyprinidae | | Salmonidae | |
| | <i>Cyprinus carpio</i> | 804321 | <i>Oncorhynchus tshawytscha</i> | 803601 |
| | <i>Leuciscus idus</i> | 807024 | <i>Salmo gairdneri</i> | 803601 |
| | <i>Phoxinus eos X</i> | | Descriptive evolution | |
| | <i>Phoxinus neogaeus X</i> | 805540 | | |
| | <i>Rasbora heteromorpha</i> | 805397 | Salmonidae | |
| | <i>Tinca tinca</i> | 807024 | <i>Salmo gairdneri</i> | 805046 |
| | Descriptive evolution | | <i>Salvelinus fontinalis</i> | 805046 |
| | Myxinomorphia | 807633 | Triploidy | |
| | Petromyzontomorphia | 807633 | Poeciliidae | |
| | Larva | | <i>Poecilia formosa</i> | 804792 |
| | Petromyzontomorphia | | <i>Poecilia formosa X</i> | |
| | <i>Lampetra aepyptera</i> | 807603 | <i>Poecilia sphenops X</i> | 805844 |
| | Caryotype | | <i>Poecilopsis monacha X</i> | |
| | Petromyzontomorphia | | <i>Poecilopsis lucida X</i> | 807327 |
| | <i>Mordacia praecox</i> | 807633 | Descriptive evolution | |
| | Chimaeromorphia | | Poeciliidae | |
| | <i>Hydrologus collei</i> | 803582 | <i>Poecilia formosa</i> | 805252 |
| | Acipenseromorphia | | Haploidy | |
| | <i>Scaphirhynchus platyrhynchus</i> | 803582 | Experimental analysis | |
| | Amiomorphia | | Pleuronectidae | |
| | <i>Amia calva</i> | 803582 | <i>Platichthys flesus</i> | 806457 |
| | Semionotomorphia | | <i>Pleuronectes platessa</i> | 806457 |
| | <i>Lepisosteus productus</i> | 803582 | Salmonidae | |
| | Melamphacidae | 804485 | <i>Salmo trutta</i> | 806457 |
| | Gasterosteidae | | RNA content and function | |
| | <i>Gasterosteus aculeatus</i> | 809055 | Experimental analysis | |
| | <i>Pungitius sinensis</i> | 806181 | Cobitidae | |
| | | 809055 | <i>Misgurnus fossilis</i> | 803956 |
| | <i>Pungitius tymensis</i> | 806181 | Mutations | |
| | Belontiidae | | Radioactivity | |
| | <i>Colisa lalia</i> | 806393 | Experimental analysis | |
| | Gobiidae | 806388 | Poeciliidae | |
| | <i>Boleophthalmus boddarti</i> | 804843 | <i>Poecilia reticulata</i> | 803600 |
| | Scorpaenidae | | | 803658 |
| | <i>Scorpaena porcus</i> | 804425 | | 805253 |
| | Cyprinodontidae | | | 805255 |
| | <i>Austrofundulus dolichocheilus</i> | 808268 | Stratigraphic distribution | |
| | <i>Cynopoeilus melanotaenia</i> | 808268 | Pteraspidoformia | |
| | <i>Fundulus notti</i> | 807602 | Acanthodii | 807170 |
| | <i>Fundulus stelleri</i> | 807602 | Holocephali | 807170 |
| | Poeciliidae | | Elasmobranchii | 807170 |
| | <i>Gambusia affinis</i> | 806687 | Dipnoi | 807170 |
| | <i>Poecilia latipinna</i> | 804792 | Osteolepidoformia | 808748 |
| | <i>Poecilia mexicana</i> | 804792 | Porolepidoformia | 808748 |
| | <i>Xiphophorus montezumae</i> | 805397 | Coelacanthi | 807170 |
| | <i>Xiphophorus variatus</i> | 805397 | | 808748 |
| | Anguillidae | | Chondrostei | 807170 |
| | <i>Anguilla anguilla</i> | 805930 | Polypteromorphia | 807170 |
| | | 808332 | Holostei | 807170 |
| | Cobitidae | | | 809039 |
| | <i>Botia birdi</i> | 804624 | Teleostei | 807170 |
| | Cyprinidae | 806687 | Clupeidae | |
| | | 804321 | <i>Sardinops sagax</i> | 808318 |
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| <i>Engraulis mordax</i> | 808318 | <i>Acanthodes</i> | 804012 | |
| Fossil fishes | | Bradyodonti | 806833 | |
| Bibliography | 805234 | Petalodontomorpha | | |
| Silurian | | <i>Janassa bituminosa</i> | 808936 | |
| Cephalaspidomorpha | | Holocephali | 806833 | |
| <i>Hirella denisoni</i> | 804680 | Elasmobranchii | 806833 | |
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| <i>Jamoytius kerwoodi</i> | 808954 | <i>Expleuracanthus</i> | 805866 | |
| <i>Saurolepis oeselensis</i> | 804193 | <i>Xenacanthus</i> | 806833 | |
| Cephalaspidiiformes | 804193 | Dipnoi | 803741 | |
| Cyathaspidiiformes | | Rhipidistia | 803741 | |
| <i>Tolytepepis undulata</i> | 804193 | Osteolepidomorpha | 804012 | |
| Thelodontomorpha | 804193 | Coelacanthini | 803741 | |
| Climatiomorpha | | Paleoniscomorpha | 806833 | |
| <i>Nostolepis gracilis</i> | 804193 | Paleonisciformes | 804012 | |
| <i>Nostolepis striata</i> | 804193 | | 805866 | |
| Ischnacanthomorpha | | Triassic | | |
| <i>Gomphosus sandelensis</i> | 804193 | Dipnoi | | |
| <i>Paracanthodes punctatus</i> | 804193 | <i>Ceratodus</i> | 805236 | |
| Gemuendinomorpha | | <i>Gnathorhiza</i> | 805236 | |
| <i>Gemuendinida</i> | 804193 | <i>Paraceratodus</i> | 807218 | |
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| <i>Andreolepis</i> | 804193 | <i>Whiteia woodwardi</i> | 807218 | |
| <i>Lophosteus superbus</i> | 803856 | Acipenseromorpha | | |
| Paleoniscomorpha | | <i>Saurichthys madagascariensis</i> | 807218 | |
| <i>Andreolepis hedei</i> | 808938 | <i>Saurichthys piveteaui</i> | 807218 | |
| Devonian | | Paleonisciformes | | |
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| <i>Cephalaspis lunata</i> | 804391 | <i>Dorolepis virgatus</i> | 805900 | |
| <i>Cephalaspis peninsulæ</i> | 804391 | Perleidiformes | | |
| <i>Cephalaspis sydenhami</i> | 804391 | <i>Perleidus</i> | 807218 | |
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| <i>Amaltheolepis</i> | 805713 | <i>Australosomus longirostris</i> | 807218 | |
| <i>Amaltheolepis winsnesi</i> | 805589 | <i>Australosomus merlei</i> | 807218 | |
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| Acanthodomorpha | 805713 | Parasemionotomorpha | 807218 | |
| <i>Cheiracanthus costellatus</i> | 804391 | Semionotomorpha | | |
| <i>Mesacanthus semistriatus</i> | 804391 | <i>Pericentrophorus minimus</i> | 805900 | |
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| <i>Bothriolepis</i> | 805142 | Cretaceous | | |
| Arthrodia | 808645 | Chimaeromorpha | | |
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| <i>Curtieraspis nigra</i> | 809095 | Edestomorpha | | |
| <i>Gaspaspis cassivi</i> | 809095 | <i>Ptychodus</i> | 804735 | |
| <i>Kolpaspis beaudryi</i> | 809095 | Hybodontomorpha | | |
| <i>Lanrentaspis splendida</i> | 809095 | <i>Hemiptychodus mortoni</i> | 805234 | |
| <i>Phlyctaenaspis atholi</i> | 809095 | <i>Hybodus</i> | 804735 | |
| <i>Quebecaspis russelli</i> | 809095 | <i>Pororhiza molimbaensis</i> | 807109 | |
| Coccosteomorpha | | Dasyatidae | | |
| Dinichthyidae | 806900 | <i>Hypophylus</i> | 804735 | |
| <i>Dunkleosteus</i> | 804736 | Pristidae | | |
| <i>Herasmus granulatus</i> | 805589 | <i>Onchopristis dunklei</i> | 804735 | |
| Cladotelachomorpha | | Rhinobatidae | | |
| <i>Ctenacanthus ornatus</i> | 804391 | <i>Rhinobatos beurleni</i> | 804101 | |
| Dipnoi | | Carcharhinidae | | |
| <i>Dipterus digitatus</i> | 803741 | <i>Galeocerdo</i> | 805234 | |
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| Rhipidistia | 804303 | Isuridae | 805234 | |
| <i>Holopterychius</i> | 807019 | | 803839 | |
| Porolepidomorpha | 805142 | <i>Squalicorax</i> | | |
| <i>Heimeria ensis</i> | 805589 | Odontaspidiidae | | |
| Coelacanthini | 803741 | <i>Carcharias</i> | 805234 | |
| Paleonisciformes | | <i>Scapanorhynchus</i> | 805234 | |
| <i>Moythomasia</i> | 808955 | Coelacanthini | | |
| Carboniferous | | <i>Mawsonia ubangiensis</i> | 807109 | |
| Cladotelachomorpha | | Chondrostei | | |
| <i>Bandringa rayi</i> | 803581 | <i>Asarotus arcanus</i> | 804480 | |
| Dipnoi | | Acipenseromorpha | 805815 | |
| Rhipidistia | 803741 | Amiomorpha | 805815 | |
| <i>Rhizodus hiberni</i> | 807020 | <i>Amia fragosa</i> | 804474 | |
| Coelacanthini | 803741 | Palaeolabridae | 804910 | |
| Paleonisciformes | 804013 | <i>Palaeolabrus montanensis</i> | 804910 | |
| <i>Adroichthys tuberculatus</i> | 804927 | <i>Paraliodesmus guadagni</i> | 804006 | |
| <i>Aestuvarichthys fulcratus</i> | 804927 | Pycnodontomorpha | 805234 | |
| <i>Allenipterus montanus</i> | 805019 | <i>Anomocodus</i> | 804735 | |
| <i>Australichthys langidorsalis</i> | 804927 | Semionotomorpha | 804735 | |
| <i>Dwykia anatisis</i> | 804927 | <i>Lepidotes</i> | 804009 | |
| <i>Mentzichthys jubbi</i> | 804927 | <i>Lepidotus</i> | 804735 | |
| <i>Mentzichthys maraisi</i> | 804927 | Teleostei | | |
| <i>Mentzichthys theroni</i> | 804927 | <i>Sauropscephalus lanciformis</i> | 805234 | |
| <i>Soetendalichthys cromptoni</i> | 804927 | Elopomorpha | | |
| <i>Sundayichthys elegantulus</i> | 804927 | <i>Sedenhorstia dayi</i> | 803541 | |
| <i>Willomrichthys striatulus</i> | 804927 | <i>Sedenhorstia orientalis</i> | 803541 | |
| Pennsylvanian | | Elopiiformes | 805815 | |
| Dipnoi | | <i>Eodiaphyodus</i> | 807593 | |
| <i>Conchopoma edesi</i> | 806436 | <i>Parabula</i> | 807593 | |
| Permian | | Elopidae | | |
| Acanthodii | 806833 | <i>Holcolepis</i> | 804655 | |
| | | Leptolepidomorpha | | |
| | | <i>Clupavus castieri</i> | 805379 | |

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|-------------------------------------------|-------------------------------------|--------|----------------------------------|--|--------|
| Stratigraphic distribution (continued) | <i>Pachyrhizodus marathonsensis</i> | 808136 | Salmonidae | | 807168 |
| | <i>Saurocephalus lanciformis</i> | 804481 | <i>Thaumaturus</i> | | |
| | <i>Saurodon leanus</i> | 804481 | Scales | | |
| | Osteoglossomorpha | | Holosteii | | 805600 |
| | <i>Ichthyodectes ctenodon</i> | 804655 | Teleostei | | 805600 |
| | <i>Lycopera</i> | 806648 | | | |
| | Percopsiformes | | Oligocene | | |
| | Sphenoccephalidae | 807262 | Myliobatidae | | 805234 |
| | Ctenothrissiformes | | <i>Aetobatus</i> | | |
| | <i>Patersonicichthys delicatus</i> | 808504 | Carcharhinidae | | 805234 |
| | Myctophoidae | | <i>Galeocerdo latidens</i> | | 805234 |
| | Apateopholidae | 808504 | Isuridae | | |
| | Cimolichthyidae | 808504 | Odontaspidae | | 805234 |
| | <i>Enchodus</i> | 804735 | <i>Carcharias</i> | | |
| | | 805234 | Fistulariidae | | 804620 |
| | <i>Enchodus longipectoralis</i> | 805810 | <i>Fistularia</i> | | |
| | Eurypholidae | 808504 | Gobiidae | | 805569 |
| | <i>Hemisauroidea hakelensis</i> | 808504 | <i>Gobius sectus</i> | | 805569 |
| | Ichthyotringidae | 808504 | <i>Lepidogobius bifidus</i> | | |
| | <i>Nematonotus longispinus</i> | 807262 | Priacanthidae | | 805572 |
| | Prionolepididae | 808504 | <i>Pristigenys spinosus</i> | | |
| | Sardinioideae | 808504 | Serranidae | | 804620 |
| Paleocene | | | <i>Acanus</i> | | 805569 |
| | Squalomorpha | 805234 | <i>Dapalis carinatus</i> | | 805569 |
| | Centropomidae | | <i>Dapalis rhomboidalis</i> | | |
| | <i>Kapuria bhargava</i> | 808989 | Trichiuridae | | 804620 |
| | Elopiformes | | <i>Lepidopus</i> | | |
| | <i>Egertonia</i> | 807593 | Sphyracnoidei | | 805234 |
| | <i>Eodiaphodus</i> | 807593 | <i>Sphyracna</i> | | |
| | <i>Parabula</i> | 807593 | Cyprinodontidae | | 805569 |
| | <i>Phyllodus taliapicus</i> | 807593 | <i>Cyprinodon dentifer</i> | | 805569 |
| | <i>Pseudoeogertonia</i> | 807593 | <i>Cyprinodon subtrigonus</i> | | |
| | Osteoglossidae | | Clupeidae | | 805572 |
| | <i>Brychaetus caheni</i> | 803919 | <i>Pomolobus facilis</i> | | 805234 |
| Eocene | | | Siluriformes | | |
| | Myliobatidae | | Gadidae | | 805572 |
| | <i>Myliobatis</i> | 805234 | <i>Palaeogadus intergerinus</i> | | |
| | | 805421 | Aphredoderidae | | 807262 |
| | Pristidae | | <i>Trichophanes foliarum</i> | | |
| | <i>Pristis</i> | 805234 | Umbridae | | 803656 |
| | Carcharhinidae | | <i>Novumbra oregonensis</i> | | |
| | <i>Galeocerdo latidens</i> | 805234 | Myctophidae | | 805572 |
| | <i>Galeocerdo minor</i> | 805234 | <i>Eomycetophum cozlae</i> | | |
| | <i>Odontaspis macrota</i> | 805421 | Gonostomatidae | | 805572 |
| | <i>Physodon</i> | 805385 | <i>Idrissia carpiromanica</i> | | 805572 |
| | Isuridae | 805234 | <i>Scopeloides paucal</i> | | 805572 |
| | <i>Lamna obliqua</i> | 805421 | <i>Vinciguerra macarovici</i> | | |
| | Odontaspidae | | Miocene | | |
| | <i>Carcharias</i> | 805234 | Elasmobranchii | | 807158 |
| | <i>Odontaspis</i> | 805385 | Myliobatidae | | 804654 |
| | <i>Striatolamia macrota</i> | 805385 | <i>Myliobatis sinhaleus</i> | | 804786 |
| | Pseudonotomorphia | | Carcharhinidae | | 804786 |
| | <i>Pycnodus</i> | 805421 | <i>Hemipristis serra</i> | | |
| | Semionotomorphia | 805234 | Cetorhinidae | | 804654 |
| | Teleostei | 805421 | <i>Cetorhinus maximus</i> | | 804654 |
| | <i>Saurocephalus lanciformis</i> | 805234 | Isuridae | | 805234 |
| | Centrarchidae | | <i>Isurus hastalis</i> | | 807965 |
| | <i>Priscaria</i> | 805600 | Odontaspidae | | 804654 |
| | Centropomidae | | <i>Odontaspis acutissima</i> | | 807965 |
| | <i>Kapuria bhargava</i> | 808989 | Hexanchiformes | | 804654 |
| | Cepolidae | | <i>Notidanus gigas</i> | | 804654 |
| | <i>Cepola</i> | 805234 | <i>Notidanus primigenius</i> | | 807158 |
| | Serranidae | | Teleostei | | |
| | <i>Amphiperca</i> | 807168 | Trachichthyidae | | 806684 |
| | <i>Smerdis</i> | 807168 | <i>Hoplostethus</i> | | 804470 |
| | Clupeidae | | Gobiidae | | 806684 |
| | <i>Knightia</i> | 805600 | <i>Gobius</i> | | |
| | Elopiformes | | Cepolidae | | 806684 |
| | <i>Egertonia</i> | 807593 | <i>Cepola prae-rubescens</i> | | |
| | <i>Parabula</i> | 807593 | Mulidae | | 806421 |
| | <i>Phyllodus taliapicus</i> | 807593 | <i>Mullus gorjanovici</i> | | 804470 |
| | Albulidae | | Sciaenidae | | 807965 |
| | <i>Palaeobulba neocomiensis</i> | 805613 | Serranidae | | 804470 |
| | <i>Pterothrissus</i> | 805613 | <i>Serranus</i> | | 807965 |
| | Gadidae | | Sparidae | | |
| | <i>Palaeogadus</i> | 805613 | <i>Chrysophrys doderleini</i> | | 804470 |
| | <i>Raniceps</i> | 805613 | <i>Dentex latior</i> | | 804470 |
| | Macrouridae | | <i>Dentex nobilis</i> | | 807965 |
| | <i>Coelorthynchus rectus</i> | 805234 | Bothidae | | |
| | Merlucciidae | | <i>Eucitharus</i> | | 804470 |
| | <i>Rhinocephalus planiceps</i> | 807262 | Triglidae | | 806648 |
| | Lophiiformes | | <i>Trigla</i> | | |
| | <i>Histioglyphus bassani</i> | 807262 | Clupeidae | | 804470 |
| | Percopsiformes | | <i>Clupea</i> | | 806684 |
| | Asineopidae | 807262 | | | 807965 |
| | Percopsidae | | <i>Sardina priska</i> | | 807724 |
| | <i>Amphiplaga brachyptera</i> | 807262 | Congridae | | |
| | <i>Erimastopterus levatus</i> | 807262 | <i>Conger muraena pontanelli</i> | | 804470 |
| | Esocidae | | Elopiformes | | |
| | <i>Palaeosox</i> | 807168 | <i>Phyllodus taliapicus</i> | | 807593 |
| | Myctophidae | | | | |
| | <i>Diaphus</i> | 804014 | | | |

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| Cyprinidae | 808965 | Istiophoridae | | Evolution |
| Bregmacrotidae | | <i>Tetrapterus audax</i> | 807620 | |
| <i>Bregmaceros catulus</i> | 806684 | Scombridae | | |
| Gadidae | | <i>Thunnus thynnus</i> | 807620 | |
| <i>Merlangius spatulatus</i> | 807965 | Atherinomorpha | 807638 | |
| Macrouridae | 807965 | Characidae | | |
| <i>Macrourus</i> | 806684 | <i>Hemigrammus rhodostomus</i> | 806575 | |
| Moridae | | <i>Petitiella georgiae</i> | 806575 | |
| <i>Lepidion miocenica</i> | 807177 | Gobiesociformes | | |
| Aphredoderidae | | <i>Derilissus nanus</i> | 807594 | |
| <i>Trichophanes foliarum</i> | 807262 | Myctophoidae | | |
| Argentinidae | | Enchodontoidei | 808504 | |
| <i>Argentina cyclomorpha</i> | 806684 | Halecoidei | 808504 | |
| <i>Argentina fragilis</i> | 806684 | Salmonidae | | |
| <i>Argentina rumana</i> | 804470 | <i>Salvelinus</i> | 807642 | |
| Bathylagidae | | Adenohypophysis | | |
| <i>Bathylagus sencta</i> | 807177 | Dipnoi | 808902 | |
| Umbridae | | Speciation | | |
| <i>Dallia</i> | 803656 | Petromyzontomorpha | 806543 | |
| Myctophidae | 804014 | Teleostei | 804330 | |
| <i>Diaphus murai</i> | 807177 | | 804909 | |
| <i>Hygophum germanicum</i> | 807965 | | 804909 | |
| <i>Lampadena nanac</i> | 807177 | | 805371 | |
| <i>Myctophum</i> | 806684 | | 805895 | |
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| <i>Bonapartia spina</i> | 807965 | Syngnathidae | | |
| <i>Ohuus kitamurai</i> | 807177 | <i>Syngnathus scovelli</i> | 807017 | |
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| Biochemistry | | | 805461 | |
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| Pliocene | | | 804330 | |
| Elasmobranchii | 807159 | | 804387 | |
| Teleostei | 807159 | | 806106 | |
| Myctophidae | 804014 | Clariidae | | |
| Pleistocene | | <i>Bathyclarias</i> | 806106 | |
| Semionotomorpha | 805234 | <i>Dinopterus</i> | 806106 | |
| Centropomidae | | <i>Xenocliarias</i> | 806106 | |
| <i>Kapurdia bhargava</i> | 806063 | Salmonidae | | |
| Atherinidae | | <i>Salmo</i> | 805879 | |
| <i>Chirostoma</i> | 804732 | Natural hybridization | | |
| Cyprinidae | 807219 | Poeciliidae | | |
| <i>Barbus barbuis</i> | 807219 | <i>Poecilia formosa</i> | 805252 | |
| <i>Varicorhinus capoeta</i> | 807219 | Temperature | 809094 | |
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| <i>Ictalurus</i> | 804482 | Dipnoi | 808748 | |
| Myctophidae | 804014 | Rhipidistia | 808748 | |
| Salmonidae | | Coelacanthini | 808748 | |
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| | 804586 | Explosive radiation | | |
| | 804633 | Cichlidae | 804330 | |
| | 804716 | <i>Haplochromis</i> | 805461 | |
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| | 805720 | Clariidae | | |
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| | 806613 | Extinction | | |
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| <i>Jamoytius kerwoodi</i> | 808954 | Chondrostei | 806283 | |
| Origin of the tetrapods | 803690 | Holostei | 806283 | |
| | 804876 | Teleostei | 806283 | |
| | 805237 | Ictaluridae | | |
| | 808777 | <i>Noturus flavipinnis</i> | 807152 | |
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| | 807174 | Anabantidae | | |
| | 807964 | <i>Ctenopoma damasi</i> | 808979 | |
| | 808748 | <i>Ctenopoma muriei</i> | 808979 | |
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| Metencephalon | 806092 | Blenniidae | | |
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| Petromyzontomorpha | 807640 | <i>Haplochromis</i> | 804387 | |
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| <i>Mitsukurina owstoni</i> | 803581 | Percidae | | |
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| Dipnoi | 808748 | <i>Percina peltata</i> | 807600 | |
| Osteolepidomorpha | 807055 | Cottidae | | |
| Acipenseromorpha | 807640 | <i>Cottus gobio</i> | 805199 | |
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| | 807640 | <i>Phallichthys amates</i> | 805410 | |
| Blennioidae | 807638 | <i>Poecilia</i> | 805410 | |
| Carangidae | 807638 | <i>Poecilia melanogaster</i> | 805410 | |
| Cichlidae | 806106 | <i>Xiphophorus helleri</i> | 805410 | |
| Scombroidei | 807638 | <i>Xiphophorus maculatus</i> | 805410 | |

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| Evolution (continued) | Cyprinidae | | Coloration | | |
| | <i>Clinostomus funduloides</i> | 806871 | Abnormality | | |
| | <i>Notropis cornutus</i> | 806871 | Pleuronectidae | | |
| Variation | <i>Notropis rubellus</i> | 806871 | <i>Pleuronectes platessa</i> | | 804331 |
| | Osmeridae | | Armor | | |
| | <i>Hypomesus transpacificus</i> | 807118 | Gasterosteidae | | |
| Experimental analysis | Gasterosteidae | | <i>Gasterosteus aculeatus</i> | | 807572 |
| | <i>Gasterosteus aculeatus</i> | 807473 | Immunological analysis | | |
| | <i>Gasterosteus wheatlandi</i> | 807473 | Populations | | |
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| | <i>Richardsonius balteatus</i> | 806998 | Fecundity | | |
| | Seasonal sexual coloration | | Egg size | | |
| Experimental analysis | Gasterosteidae | | Salmonidae | | |
| | <i>Gasterosteus aculeatus</i> | 807543 | <i>Oncorhynchus nerka</i> | | 807378 |
| | Populations | | Sexual dimorphism | | |
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| | Ecotypes | | <i>Poecilia reticulata</i> | | |
| | Salmonidae | | Sexually dimorphic fins | | |
| Salmo gairdneri | <i>Salmo gairdneri</i> | 806027 | Cyprinodontidae | | 806088 |
| | Seasonal races | | <i>Epiplatys sexfasciatus</i> | | |
| | Salmonidae | | Change with age | | |
| Salmo gairdneri | <i>Salmo gairdneri</i> | 806017 | Cyprinidae | | |
| | Temperature | | <i>Abramis brama</i> | | 806416 |
| | Elaeobranchii | 806740 | <i>Gobio gobio</i> | | 804933 |
| Teleostei | Teleostei | 806740 | Salmonidae | | 807695 |
| | Populations | | <i>Coregonus autumnalis</i> | | |
| | Salmonidae | | Rate of growth | | |
| Salmo clarki | <i>Salmo clarki</i> | 807958 | Percidae | | |
| | Multiple choice testing | | <i>Stizostedion lucioperca</i> | | 807689 |
| | Experimental analysis | | Cyprinidae | | 807689 |
| Poeciliidae | <i>Xiphophorus helleri</i> | 808326 | Osmeridae | | |
| | <i>Xiphophorus maculatus</i> | 808326 | <i>Osmerus mordax</i> | | 804390 |
| | Introggressive hybridization | | Weight length relationship | | |
| Percidae | <i>Etheostoma radiosum X</i> | | Seasonal changes | | |
| | <i>Etheostoma spectabile X</i> | 807573 | Clupeidae | | |
| | <i>Percina peltata X</i> | | <i>Clupea harengus</i> | | 807733 |
| Percina peltata X | <i>Perca notogramma X</i> | 807600 | Evolutionary adaptation | | |
| | Populations | | Subterranean waters | | 808771 |
| | <i>Poecilia mexicana</i> | 806268 | Amblyopsidae | | |
| Bosnamia | Hemoglobin | | Chlorophthalmidae | | 807369 |
| | Catostomidae | | <i>Chlorophthalmus agassizi</i> | | |
| | <i>Catostomus plebeius</i> | 807568 | Fry | | |
| Subspecies | Subspecies | | Salmonidae | | |
| | Percidae | | <i>Oncorhynchus gorbuscha</i> | | 808924 |
| | <i>Stizostedion vitreum</i> | 807178 | <i>Oncorhynchus nerka</i> | | 808925 |
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| | <i>Arius</i> | 804552 | Clupeidae | | |
| | <i>Arius mercatoris</i> | 804552 | <i>Clupea pallasii</i> | | 804432 |
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| | Geminate species | | Pleuronectidae | | |
| | Teleostei | 804422 | <i>Parophrys vetulus</i> | | 806195 |
| Intraspecific variation | Scorpaenidae | | Neoplastic diseases | | |
| | <i>Sebastes mentella</i> | 804433 | Pleuronectidae | | 806195 |
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| Atherina boyeri | <i>Atherina boyeri</i> | 807218 | Fry | | |
| | <i>Atherina hepsetus</i> | 807418 | Salmonidae | | |
| | <i>Atherina presbyter</i> | 807418 | <i>Oncorhynchus gorbuscha</i> | | 808924 |
| Clupeidae | <i>Clupea harengus</i> | 807741 | Migrations | | |
| | Itallunidae | | Salmonidae | | |
| | <i>Votrus</i> | 807152 | <i>Oncorhynchus masou</i> | | 805674 |
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| | Meristics | 807714 | Salmonidae | | |
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| | <i>Chologaster agassizi</i> | 808168 | Salmonidae | | |
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| | Clupeidae | | Gasterosteidae | | |
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| | <i>Pleuronectes vetulus</i> | | <i>Etheostoma tippecanoe</i> | | 804010 |
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| | <i>Pleuronectes leti</i> | | Cyprinidae | | |
| | <i>Pleuronectes leti</i> | | <i>Gobio gobio</i> | | 807739 |
| Pleuronectes leti | <i>Pleuronectes leti</i> | | <i>Notropis telescopus</i> | | 807614 |
| | <i>Pleuronectes leti</i> | | <i>Phoxinus phoxinus</i> | | 807616 |
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| Lateral line pores and canals | | <i>Noturus funebris</i> | 807152 | |
| Covidae | | <i>Noturus gyrinus</i> | 807152 | |
| <i>Cottus gobio</i> | 805264 | <i>Noturus leptacanthus</i> | 807152 | |
| Inheritance | | Dextrality or sinistrality | | |
| Pleuronectidae | | Pleuronectidae | | |
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| Salmonidae | | Salmonidae | | |
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| Atherinidae | | Ictaluridae | | |
| Chiostoma | 804732 | Ictalurus | 804376 | |
| Cyprinodontiformes | 804941 | Umbridae | | |
| Cyprinodontidae | 806821 | Novumbra oregonensis | 803656 | |
| Aphanius mento | 805478 | Myctophidae | 804014 | |
| Fundulus | 809023 | Eomycophium cozlae | 805572 | |
| Fundulus catenatus | 804862 | Gonostomatidae | 805572 | |
| Fundulus stellifer | 804862 | Salinity | | |
| Poeciliidae | | Dipnoi | 803741 | |
| Poecilia | 806268 | Rhipidistia | 803741 | |
| Xiphophorus | 807184 | Coelacanthini | 803741 | |
| Clupeidae | | Aetivation | | |
| Sardina priska | 807724 | Dipnoi | 804734 | |
| Elopiformes | | Coprolites | | |
| Phyllodontidae | 807593 | Bibliography | | |
| Ostariophysi | 804807 | Elasmobranchii | 804469 | |
| | 804941 | Xenacanthomorpha | 804469 | |
| Characiformes | 804807 | Dipnoi | 804469 | |
| Cypriniformes | 804807 | Coelacanthini | 804469 | |
| Catostomidae | 806821 | Paleoniscomorpha | 804469 | |
| Catostomus catostomus | 807008 | Holostei | 804469 | |
| Cobitidae | | Teleostei | 804469 | |
| Cobitis sibirica | 807644 | Fish communities | | |
| Cyprinidae | 805478 | Elasmobranchii | 806740 | |
| | 806821 | Polypteromorpha | 808023 | |
| Barbus barbus | 807219 | Teleostei | 806740 | |
| Capota | 805880 | | 808023 | |
| Erycymba buccata | 807003 | Gasterosteidae | | |
| Varicorhinus capota | 807219 | Culaea inconstans | 805878 | |
| Siluriformes | 804807 | Centrarchidae | | |
| Clariidae | 806106 | Ambloplites rupestris | 805878 | |
| Ictaluridae | | Micropterus dolomieu | 805878 | |
| Noturus | 807152 | Cottidae | | |
| Osteoglossomorpha | 804941 | Cottus bairdi | 805878 | |
| | 807160 | Catostomidae | | |
| Gadidae | | Catostomus commersoni | 805878 | |
| Lota lota | 807008 | Cyprinidae | 805878 | |
| Esocidae | 804941 | Ictaluridae | | |
| Esocidae | | Ictalurus nebulosus | 805878 | |
| Esox lucius | 805478 | Umbridae | | |
| Umbridae | | Umbrina limi | 805878 | |
| Dallia pectoralis | 807008 | Salmonidae | | |
| Novumbra hubbsi | 806617 | Salvelinus fontinalis | 805878 | |
| | 806856 | Identification | | |
| Myctophidae | 807517 | Population structure | | |
| Osmeridae | | | 807433 | |
| Hypomesus olidus | 807008 | Population changes | | |
| Salmonidae | 807008 | | 807433 | |
| Coregonus | 807641 | Coral reef | | |
| Salmo platycephalus | 805478 | Elasmobranchii | 807300 | |
| Salmo trutta | 807219 | Teleostei | 807300 | |

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| Ecology (continued) | Lentic waters | | 808215 | Goanostomatidae | | |
| | Teleostei | | | <i>Cyclothone</i> | | 806736 |
| Habitats | Marine environment | | | <i>Diplophos taenia</i> | | 806662 |
| | Elasmobranchii | | 808754 | Stomiidae | | 806736 |
| | Teleostei | | 808754 | <i>Stomias</i> | | 806736 |
| | Tide pools | | | Seasonal abundance | | |
| | Blenniidae | | 805656 | Teleostei | | 804324 |
| | Cottidae | | | Mesopelagic zone | | |
| | <i>Oligocottus maculosus</i> | | 806855 | Echinorhinidae | | |
| | Gobiesociformes | | 805656 | <i>Isistius</i> | | 806736 |
| | Description and occurrence | | | Teleostei | | 805476 |
| | Orectolobidae | | | Melamphacidae | | |
| | <i>Ginglymostoma cirratum</i> | | 807246 | <i>Caulolepis</i> | | 806736 |
| | Teleostei | | 807246 | Stylophoridae | | |
| | Habitat preference | | | <i>Stylophorus</i> | | 806736 |
| | Acanthuridae | | | Caristiidae | | |
| | <i>Acanthurus triostegus</i> | | 804921 | <i>Platyberyx</i> | | 806736 |
| | Mudflats | | | Chiasmodontidae | | |
| | Gobiidae | | | <i>Chiasmodon</i> | | 806736 |
| | <i>Boleophthalmus dussumierei</i> | | 805721 | Clupeidae | | |
| | Littoral zone | | | Myctophidae | | 806736 |
| | Elasmobranchii | | 807243 | Nemichthyidae | | |
| | Teleostei | | 805465 | <i>Avocetina</i> | | 806736 |
| | | | 807207 | <i>Nemichthys scolopaceus</i> | | 806736 |
| | | | 807227 | Nessorhamphidae | | |
| | | | 807243 | <i>Nessorhamphus</i> | | 806736 |
| | Acanthuridae | | 805679 | Macrouridae | | |
| | Blenniidae | | 805656 | <i>Odontomacrus</i> | | 806736 |
| | | | 806594 | Scopelarchidae | | |
| | Clinidae | | | <i>Scopelarchus</i> | | 806736 |
| | <i>Clinus argenteus</i> | | 806594 | Astronesthidae | | |
| | <i>Crisiceps argenteus</i> | | 805656 | <i>Astronesthes</i> | | 806736 |
| | Tripterygiidae | | | Goanostomatidae | | 806736 |
| | <i>Tripterygion tripteronotus</i> | | 805656 | Stomiidae | | 806736 |
| | | | 806594 | Fish communities | | |
| | Gobiidae | | 805656 | Teleostei | | 807697 |
| | Cichlidae | | | Alepisauridae | | |
| | <i>Tilapia zilli</i> | | 805055 | <i>Alepisaurus</i> | | 807697 |
| | Gadidae | | | Populations | | |
| | <i>Gaidropsarus mediterraneus</i> | | 805656 | Teleostei | | 806661 |
| | Gobiesociformes | | 805656 | Alepisauridae | | |
| | Substratum | | | <i>Alepisaurus</i> | | 806661 |
| | Description and occurrence | | | Seasonal abundance | | |
| | Soleidae | | | Teleostei | | 804324 |
| | <i>Solea solea</i> | | 808193 | Bathypelagic zone | | |
| | Clupeidae | | | Scyliorhinidae | | |
| | <i>Sprattus sprattus</i> | | 808193 | <i>Parmaturus xaniurus</i> | | 807206 |
| | Coral reef | | | Melamphacidae | | |
| | Elasmobranchii | | 807885 | <i>Melamphaes</i> | | 806736 |
| | Carcharhinidae | | 805226 | Caristiidae | | |
| | Teleostei | | 805226 | <i>Caristius</i> | | 806736 |
| | | | 805371 | Scorpaenidae | | |
| | | | 805465 | <i>Ectreposebastes</i> | | 806736 |
| | | | 807885 | <i>Sebastes</i> | | 807206 |
| | | | 807935 | <i>Setarches</i> | | 806736 |
| | | | 805679 | Clupeidae | | |
| | Acanthuridae | | | Myctophidae | | 806736 |
| | Effect on fish | | | Eurypharyngidae | | |
| | Evolutionary adaptation | | | <i>Eurypharynx</i> | | 806736 |
| | Teleostei | | 804964 | Gadidae | | |
| | Distribution within habitat | | | <i>Melanonus</i> | | 806736 |
| | Holocentridae | | 805047 | Ophidiidae | | 805735 |
| | Acanthuridae | | 805047 | Lophiiformes | | 805735 |
| | Blenniidae | | 805047 | Melanocetidae | | |
| | Gobiidae | | 805047 | <i>Melanocetus johnsoni</i> | | 806736 |
| | Labridae | | 805047 | Cetomimidae | | |
| | Scaridae | | 805047 | <i>Cetomimus</i> | | 806736 |
| | Chaetodontidae | | 805047 | <i>Cetostoma</i> | | 806736 |
| | Mullidae | | 805047 | <i>Ditropichthys storeri</i> | | 805735 |
| | Pomacentridae | | 805047 | Giganturidae | | |
| | Serranidae | | 805047 | <i>Gigantura</i> | | 806736 |
| | Muraenidae | | 805047 | Kasidoridae | | |
| | Habitat preference | | | <i>Kasidoron latifrons</i> | | 803871 |
| | Acanthuridae | | | Alcepocephaloidei | | |
| | <i>Acanthurus triostegus</i> | | 804921 | <i>Searia</i> | | 806736 |
| | Surf | | | Argentiniidae | | |
| | Acanthuridae | | 805679 | <i>Argentina</i> | | 806736 |
| | Neritic zone | | | Bathylagidae | | |
| | Syngnathidae | | 808788 | <i>Bathylagus</i> | | 806736 |
| | Epipelagic zone | | | <i>Microstoma</i> | | 806736 |
| | Mullidae | | 806736 | Opisthoproctidae | | |
| | Bothidae | | 806736 | <i>Opisthoproctus</i> | | 806736 |
| | Scorpaenidae | | | <i>Winteria</i> | | 805735 |
| | <i>Sebastes melanops</i> | | 807540 | Ipnopidae | | |
| | Clupeidae | | | Omosudidae | | 806736 |
| | Myctophidae | | 806736 | <i>Omosudis</i> | | |
| | Myctophidae | | | Paralepididae | | |
| | <i>Goniichthys coccoi</i> | | 806662 | <i>Paralepis</i> | | 806736 |
| | Astronesthidae | | | Scopelarchidae | | |
| | <i>Astronesthes</i> | | 806736 | <i>Odontostomops</i> | | 806736 |
| | <i>Astronesthes niger</i> | | 806662 | Scopelosauridae | | |
| | Chauliodontidae | | | <i>Scopelosaurus</i> | | 806736 |
| | <i>Chauliodus</i> | | 806736 | | | |

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| Astronesthidae | | Carangidae | | Ecology |
| <i>Borostomias</i> | 806736 | <i>Trachurus japonicus</i> | 805205 | (continued) |
| Gonostomatidae | 806736 | | 805206 | |
| Malacosteidae | | Chaetodontidae | | |
| <i>Malacosteus</i> | 806736 | <i>Heniochus acuminatus</i> | 805206 | |
| Sternopomidae | | <i>Microcanthus strigatus</i> | 805206 | Habitats |
| <i>Argyroplecus</i> | 806736 | Embiotocidae | | |
| <i>Polyipnus</i> | 806736 | <i>Ditrema temmincki</i> | 805205 | |
| Stomiidae | 806736 | | 805206 | |
| Abyssopelagic zone | | Gerreidae | | |
| Teleostei | 808754 | <i>Gerres japonicus</i> | 805205 | |
| Chiasmodontidae | | | 805206 | |
| <i>Dysalotus alcocki</i> | 806736 | <i>Gerres macrostoma</i> | 805205 | |
| Nemichthyidae | | | 805206 | |
| <i>Nematopora polygonifera</i> | 806736 | Kyphosidae | | |
| Melanocetidae | | <i>Girella punctata</i> | 805205 | |
| <i>Melanocetus johnsoni</i> | 806736 | | 805206 | |
| Cetomimidae | | Leiognathidae | | |
| <i>Cetostoma regani</i> | 806736 | <i>Leiognathus nuchalis</i> | 805205 | |
| Giganturidae | | | 805206 | |
| <i>Gigantura chuni</i> | 806736 | Lethrinidae | | |
| Bathylagidae | | <i>Lethrinus nematocanthus</i> | 805205 | |
| <i>Xenopthalmichthys</i> | 806736 | | 805206 | |
| Paralepididae | | Lutjanidae | | |
| <i>Lestidium</i> | 806736 | <i>Lutjanus russelli</i> | 805205 | |
| Sargassum environment | | | 805206 | |
| Scaridae | | Mullidae | | |
| <i>Nicholsina denticulata</i> | 807610 | <i>Upeneus bensasi</i> | 805205 | |
| Intertidal zone | | <i>Upeneus tragula</i> | 805205 | |
| Teleostei | 806057 | <i>Upeneus vittatus</i> | 805205 | |
| | 807091 | Pomacentridae | | |
| Blenniidae | 807091 | <i>Chromis notatus</i> | 805206 | |
| Gobiidae | 807091 | Pomadasyidae | | |
| Labridae | 807091 | <i>Plectorhynchus pictus</i> | 805206 | |
| Mugiloidae | 807091 | Pomatomidae | | |
| Chaetodontidae | 807091 | <i>Scombrops boops</i> | 805205 | |
| Pomacentridae | 807091 | | 805206 | |
| Tetraodontidae | 807091 | Serranidae | | |
| Muraenidae | 807091 | | 805205 | |
| Habitat preservation | | Sillaginidae | | |
| Teleostei | 803525 | <i>Sillago sihama</i> | 805205 | |
| Sublittoral zone | | | 805206 | |
| Teleostei | 807233 | Sparidae | | |
| Labridae | | <i>Chrysophrys major</i> | 805205 | |
| <i>Pimelometopon pulchrum</i> | 807226 | Theraponidae | | |
| Embiotocidae | | <i>Therapon oxyrhynchus</i> | 805205 | |
| <i>Brachyistius frenatus</i> | 807226 | | 805206 | |
| Serranidae | | Sphyrnoidae | | |
| <i>Paralabrax clathratus</i> | 807226 | <i>Sphyrna japonica</i> | 805205 | |
| Vascular plants | | | 805206 | |
| <i>Zostera</i> | | Centrolophidae | | |
| Teleostei | 805205 | <i>Psenopsis anomala</i> | 805206 | |
| Dactylopteriformes | | Mugiloidae | | |
| <i>Dactyloptena orientalis</i> | 805206 | <i>Chilias snyderi</i> | 805206 | |
| Aulorhynchidae | | Bothidae | | |
| <i>Aulichthys japonicus</i> | 805205 | <i>Paralichthys olivaceus</i> | 805205 | |
| | 805206 | <i>Pseudorhombus cinnamomeus</i> | 805205 | |
| Syngnathidae | 805206 | <i>Tarphops oligolepis</i> | 805205 | |
| <i>Hippocampus coronatus</i> | 805205 | Pleuronectidae | | |
| <i>Syngnathus schlegelii</i> | 805205 | <i>Kareius bicoloratus</i> | 805206 | |
| <i>Urocampus rukzenius</i> | 805205 | <i>Pleuronichthys cornutus</i> | 805206 | |
| Acanthuridae | | Soleidae | | |
| <i>Prionurus microlepidotus</i> | 805205 | <i>Heteromyceteris japonicus</i> | 805206 | |
| | 805206 | <i>Zebrias zebra</i> | 805206 | |
| Siganidae | | Congiopodoidei | | |
| <i>Siganus fuscescens</i> | 805205 | <i>Hypodytes rubripinnis</i> | 805205 | |
| | 805206 | | 805206 | |
| Blenniidae | | Cottidae | | |
| <i>Dasson trossulus</i> | 805205 | <i>Pseudoblennius cottoides</i> | 805205 | |
| | 805206 | <i>Pseudoblennius percoides</i> | 805205 | |
| <i>Neoclinus bryope</i> | 805205 | <i>Vellitor centropomus</i> | 805205 | |
| | 805206 | Hexagrammidae | | |
| Pholididae | | <i>Agrammus agrammus</i> | 805205 | |
| <i>Enedrias nebulosus</i> | 805205 | | 805206 | |
| | 805206 | <i>Hexagrammos otaki</i> | 805205 | |
| Stichacidae | | | 805206 | |
| <i>Zoarchias</i> | 805206 | Platycephaloidei | | |
| Callionymoidae | | <i>Cocciella crocodila</i> | 805205 | |
| <i>Callionymus richardsoni</i> | 805205 | | 805206 | |
| | 805206 | <i>Inegocia japonica</i> | 805205 | |
| Gobiidae | 805206 | <i>Platycephalus indicus</i> | 805205 | |
| Labridae | 805205 | | 805206 | |
| | 805206 | Scorpaenidae | | |
| Mugiloidae | | <i>Sebastes oblongus</i> | 805205 | |
| <i>Mugil cephalus</i> | 805205 | <i>Sebastes pachycephalus</i> | 805205 | |
| | 805206 | <i>Sebastes marmoratus</i> | 805205 | |
| Aplodactylidae | | Synanceiidae | | |
| <i>Goniistius zonatus</i> | 805205 | <i>Erosa erosa</i> | 805206 | |
| | 805206 | <i>Intimicus japonicus</i> | 805206 | |
| Apogonidae | 805205 | | 805206 | |
| | 805206 | Balistidae | | |

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| Ecology (continued) | <i>Brachaluteres ulvarum</i> | | Adaptation | Salmonidae | |
| | • Tetraodontidae | 805205 | | <i>Salmo trutta</i> | 806832 |
| | Diodontidae | | | <i>Salvelinus alpinus</i> | 806832 |
| Habitats | <i>Diodon holocanthus</i> | 805206 | Productivity | Salmonidae | |
| | Ostraciidae | 805206 | | <i>Oncorhynchus nerka</i> | 807424 |
| | <i>Ostracion tuberculatus</i> | 805206 | | <i>Salmo salar</i> | 807440 |
| | Tetraodontidae | 805206 | Eutrophic lakes | <i>Salvelinus alpinus</i> | 806989 |
| | Exocoetidae | 805206 | | Dipnoi | 805461 |
| | <i>Hemiramphus sajori</i> | 805206 | | Gasterosteidae | |
| | Clupeidae | 805205 | | <i>Gasterosteus aculeatus</i> | 807275 |
| | <i>Konosirus punctatus</i> | 805206 | | Cichlidae | 805461 |
| | Engraulidae | 805205 | | <i>Tilapia shirana</i> | 803650 |
| | <i>Eurumeus micropus</i> | 805206 | | Percidae | 807668 |
| | Anguillidae | 805206 | | Cobitidae | |
| | <i>Anguilla japonica</i> | 805206 | | <i>Cobitis aurata</i> | 807239 |
| | Congridae | 805206 | | <i>Noemacheilus barbatulus</i> | 807239 |
| | <i>Anago anago</i> | 805206 | | Cyprinidae | 805461 |
| | <i>Astroconger myriaster</i> | 805206 | | | 807239 |
| | Ophichthidae | 805206 | | <i>Barbus paludinosus</i> | 807668 |
| | <i>Ophichthus urolophus</i> | 805206 | | Siluriformes | 803650 |
| | Plotosidae | 805205 | | Clariidae | 805461 |
| | <i>Plotosus anguillaris</i> | 805206 | | <i>Clarias mossambicus</i> | 803650 |
| | Antennariidae | 805206 | | Mormyridae | 805461 |
| | <i>Antennarius tridens</i> | 805206 | | Salmonidae | |
| | Synodontidae | 805205 | | <i>Coregonus peled</i> | 807668 |
| | <i>Saurida argyrophanes</i> | 805205 | | <i>Oncorhynchus nerka</i> | 807275 |
| | <i>Trachinocephalus myops</i> | 805206 | | <i>Salmo gairdneri</i> | 808798 |
| | | 805206 | | <i>Salvelinus malma</i> | 807275 |
| Bathyal zone | | | Productivity | | |
| | Ophidiidae | 805735 | | Winterkill | |
| | Lophiiformes | 805735 | | Esocidae | |
| Subzero waters | Bathypteroidae | 805735 | Ponds | <i>Esox lucius</i> | 807895 |
| | Channichthyidae | 804247 | | Cichlidae | 806089 |
| | <i>Pagetopsis macropterus</i> | 803967 | | Poeciliidae | |
| | Nototheniidae | 803967 | | <i>Gambusia affinis</i> | 807179 |
| | | 804247 | | Characidae | 806089 |
| | Adaptation | | | Erythrinidae | 806089 |
| | Cottidae | | | Gasteropelecidae | 806089 |
| | <i>Myoxocephalus scorpius</i> | 804965 | | Callichthyidae | 806089 |
| | <i>Taurulus bubalis</i> | 804965 | | Cetopsidae | 806089 |
| | Biochemical blood constituents | | | Loricariidae | 806089 |
| | Nototheniidae | 809029 | | Trichomycteridae | 806089 |
| | Acclimation | | | Strip mines | |
| | Biochemical blood constituents | | | Teleostei | 808632 |
| | Cyprinodontidae | | | Cyprinidae | 808632 |
| | <i>Fundulus heteroclitus</i> | 805400 | Reservoirs | Acipenseromorpha | 807660 |
| | Effect on fish | | | | 808464 |
| | Acclimation | | | <i>Acipenser gueldenstaedti</i> | 807671 |
| | Cottidae | 807145 | | <i>Acipenser ruthenus</i> | 807671 |
| | Cyclopteridae | | | Semionotomorpha | 808464 |
| | <i>Liparis koefoedi</i> | 807145 | | Teleostei | 807701 |
| | Cyprinodontidae | 807145 | | Gasterosteidae | 808354 |
| | <i>Fundulus heteroclitus</i> | 807145 | | <i>Gasterosteus aculeatus</i> | 808630 |
| | Gadidae | 807145 | | Belontiidae | |
| | Biochemical blood constituents | | | Gobiidae | 808354 |
| | Cottidae | 807145 | | <i>Neogobius fluviatilis</i> | 806902 |
| | Cyclopteridae | 807145 | | Mugilidae | |
| | <i>Liparis koefoedi</i> | 807145 | | <i>Rhinomugil corsula</i> | 808466 |
| | Cyprinodontidae | 805707 | | Centrarchidae | 808796 |
| | <i>Fundulus heteroclitus</i> | 807145 | | <i>Pomoxis annularis</i> | 808796 |
| | Gadidae | 807145 | | Cichlidae | |
| | Evolutionary adaptation | | | <i>Tilapia</i> | 807193 |
| | Biochemical blood constituents | | | Percidae | |
| | Nototheniidae | | | <i>Perca fluviatilis</i> | 807718 |
| | <i>Trematomus</i> | 808762 | | <i>Stizostedion canadense</i> | 808802 |
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| | Elasmobranchii | 808579 | | <i>Stizostedion vitreum</i> | 808802 |
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| | <i>Dasyatis margaria</i> | 806120 | | <i>Gambusia affinis</i> | 808348 |
| | <i>Urogymnus africanus</i> | 808579 | | Clupeidae | |
| | Teleostei | 808579 | | <i>Alosa kessleri</i> | 807748 |
| | Mineral waters | | | <i>Caspilosa kessleri</i> | 807679 |
| | Cyprinodontidae | 804468 | | <i>Dorosoma petenense</i> | 808466 |
| | Description and occurrence | | | Anguillidae | |
| | Cichlidae | | | <i>Anguilla anguilla</i> | 806814 |
| | <i>Tilapia grahami</i> | 806107 | | Characidae | 807193 |
| | Lentic waters | 808613 | | Catostomidae | |
| | Teleostei | 805371 | | <i>Catostomus commersoni</i> | 807800 |
| | Lakes | | | Cobitidae | 808348 |
| | Teleostei | 805371 | | | 808630 |
| | Oligotrophic lakes | | | | |
| | Descriptive evolution | | | | |
| | Evolutionary adaptation | | | | |
| | Cichlidae | 808468 | | | |

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| Cyprinidae | 808348 | Lotic waters | | Ecology |
| <i>Abramis ballerus</i> | 808630 | Teleostei | 807434 | (continued) |
| <i>Abramis brama</i> | 807693 | Cichlidae | 808613 | |
| | 807702 | Cyprinidae | 805461 | |
| | 804433 | Siluriformes | 805461 | Habitats |
| <i>Barbus kolus</i> | 807648 | Mormyridae | 805461 | |
| <i>Cyprinus carpio</i> | 808571 | Torrential streams | | |
| | 806814 | Cyprinidae | | |
| <i>Gobio gobio</i> | 807690 | <i>Gila cypha</i> | 804468 | |
| <i>Leuciscus idus</i> | 808354 | Homalopteridae | 805671 | |
| <i>Rutilus rutilus</i> | 804433 | Amblycipitidae | | |
| <i>Scardinius erythrophthalmus</i> | 808354 | <i>Acrochordonichthys rugosus</i> | 805671 | |
| Bagridae | 808630 | Sisoridae | | |
| Siluridae | 808630 | <i>Glyptothorax major</i> | 805671 | |
| Mormyridae | 807193 | <i>Glyptothorax platypogonoides</i> | 805671 | |
| Esocidae | | Fast flowing streams | | |
| <i>Esox lucius</i> | 807718 | Teleostei | 806123 | |
| | 808801 | Cichlidae | 806089 | |
| | 808802 | Characidae | 806089 | |
| | | Erythrinidae | 806089 | |
| Osmeridae | | Gasteropelecidae | 806089 | |
| <i>Osmerus eperlanus</i> | 807687 | Cyprinidae | | |
| | 807718 | <i>Barbus meridionalis</i> | 804770 | |
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| <i>Oncorhynchus nerka</i> | 807800 | Loricariidae | 806089 | |
| <i>Salmo gairdneri</i> | 808466 | Pimelodontidae | 806089 | |
| Effect on fish | | Trichomycteridae | 806089 | |
| Migrations | | Salmonidae | 807775 | |
| Salmonidae | | <i>Salvelinus fontinalis</i> | 803585 | |
| <i>Oncorhynchus tshawytscha</i> | 808651 | Productivity | | |
| | 808656 | Salmonidae | | |
| Inorganics in water | | <i>Salvelinus fontinalis</i> | 806972 | |
| Sulfide | | Slow flowing streams | | |
| Effect on fish | | Teleostei | 806123 | |
| Teleostei | 806158 | Cichlidae | 806089 | |
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| <i>Catla catla</i> | 805197 | Characidae | 806089 | |
| <i>Cirrhina mrigala</i> | 805197 | Erythrinidae | 806089 | |
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| Introduction for fishery | | Cetopsidae | 806089 | |
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| Cyprinidae | 808461 | Characidae | | |
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| <i>Lota lota</i> | 808461 | Evolutionary adaptation | | |
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| <i>Clarias gariepinus</i> | 803804 | Teleostei | 807188 | |
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| Productivity | | <i>Paralabrax clathratus</i> | 807188 | |
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| Developing egg | | Effect on fish | | |
| Larva | | Body content | | |
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| Engraulidae | | Spleen | | |
| <i>Engraulis encrasicolus</i> | 807649 | Cyprinidae | | |
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| Gadidae | | Artificial feeds and feeding | | |
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| Sparidae | | Reservoirs | | |
| <i>Chrysophrys major</i> | 807068 | Standing crop | | |
| Centrolophidae | | | 806164 | |
| <i>Schedophilus pemarko</i> | 806775 | Temperature | | |
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| <i>Reinhardtius hippoglossoides</i> | 807767 | <i>Sardinella eba</i> | 805925 | |
| Reservoirs | | Biochemistry | | |
| Seasonal changes | | Brain | | |
| Semionotomorpha | 806165 | Nototheniidae | | |
| Centrarchidae | | <i>Trematomus bernacchi</i> | 804038 | |
| <i>Pomoxis annularis</i> | 806165 | Cyprinidae | | |
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| <i>Ictiobus bubalus</i> | 806165 | Carcharhinidae | 806740 | |
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| <i>Micropogon furnieri</i> | 807032 | | 806132 | |
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| Scombridae | | | 807188 | |
| <i>Euthynnus pelamis</i> | 807782 | | 807226 | |
| <i>Scomber scombrus</i> | 808427 | | 807233 | |
| <i>Thunnus albacares</i> | 807782 | | 807234 | |
| <i>Thunnus thynnus</i> | 807782 | | 807913 | |
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| <i>Sardinops melanosticta</i> | 806332 | | 808464 | |
| Merlucciidae | | | 808475 | |
| <i>Merluccius productus</i> | 806326 | | 808630 | |
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| <i>Coregonus clupeoides</i> | 803672 | | 808982 | |
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| <i>Oncorhynchus kisutch</i> | 804962 | <i>Fistularia petimba</i> | 807091 | |
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| <i>Cypselurus opisthopus</i> | 806322 | Ammodytidae | | |
| Merlucciidae | | <i>Ammodytes tobianus</i> | 807198 | |
| <i>Merluccius productus</i> | 808312 | Anarhichadidae | 806559 | |
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| <i>Hippoglossoides platessoides</i> | 807423 | <i>Tripterygion etheostoma</i> | 807091 | |
| Scorpaenidae | | <i>Tripterygion minutus</i> | 807091 | |
| Sebastes alutus | 806341 | Gobiidae | 807091 | |
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| <i>Merluccius productus</i> | 804988 | <i>Pomatoschistus minutus</i> | 807198 | |

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| | <i>Pinelometopon pulchrum</i> | 807226 | | 808281 |
| | <i>Tautoglabrus adspersus</i> | 807207 | <i>Thunnus thynnus</i> | 805903 |
| Temperature | Scaridae | | Trichiuridae | |
| | <i>Leptoscarus vaigiensis</i> | 807091 | <i>Benthodesmus tenuis</i> | 808141 |
| | Mastacembelidae | | <i>Lepidopus caudatus</i> | 808130 |
| | <i>Mastacembelus armatus</i> | 805605 | | 808141 |
| | Mugiloidae | 807091 | <i>Trichiurus lepturus</i> | 808141 |
| | <i>Mugil cephalus</i> | 807322 | Xiphiidae | |
| | <i>Mugil saliens</i> | 807322 | <i>Xiphias gladius</i> | 807919 |
| | Nototheniidae | 808011 | | 808351 |
| | | 808762 | Sphyracnoidei | |
| | Branchiostegidae | | <i>Sphyracna argentea</i> | 807232 |
| | <i>Lopholatilus chamaeleonticeps</i> | 806495 | <i>Sphyracna picuda</i> | 807091 |
| | Carangidae | | Stromateoidei | |
| | <i>Scorpaenidae</i> | 807232 | <i>Amarsipius carlsbergi</i> | 806816 |
| | <i>Trachinotus carolinus</i> | 807837 | Boiidae | 806740 |
| | <i>Trachinotus falcatus</i> | 807837 | <i>Bothus pantherinus</i> | 807091 |
| | <i>Trachurus trachurus</i> | 806479 | <i>Paralichthys albigutta</i> | 806653 |
| | Centrarchidae | | <i>Paralichthys dentatus</i> | 806653 |
| | <i>Lepomis gibbosus</i> | 805990 | <i>Paralichthys lethostigma</i> | 806653 |
| | <i>Lepomis macrochirus</i> | 805140 | Pleuronectidae | 807153 |
| | <i>Micropterus salmoides</i> | 807807 | <i>Reinhardtius hippoglossoides</i> | 805083 |
| | Centropomidae | | | 807106 |
| | <i>Ambassis gymnocephalus</i> | 807091 | | 807767 |
| | <i>Ambassis nama</i> | 805605 | Soleidae | |
| | Chaetodontidae | 807091 | <i>Trinectes maculatus</i> | 806872 |
| | Cichlidae | 806089 | Cottidae | |
| | <i>Tilapia melanopleura</i> | 806049 | <i>Cottus cognatus</i> | 808410 |
| | <i>Tilapia mossambica</i> | 806049 | | 808650 |
| | Embiotocidae | | <i>Cottus gobio</i> | 806033 |
| | <i>Brachyistius frenatus</i> | 807226 | <i>Myoxocephalus quadricornis</i> | 808650 |
| | Ephippidae | | Scorpaenidae | |
| | <i>Platax orbicularis</i> | 807091 | <i>Scorpaenodes guamensis</i> | 807091 |
| | Gerreidae | | Synancejidae | |
| | <i>Gerres oblongus</i> | 807091 | <i>Synanceja verrucosa</i> | 807091 |
| | Grammistidae | | | 806740 |
| | <i>Grammistes sexlineatus</i> | 807091 | Triglidae | |
| | Kyphosidae | 807091 | Balistidae | |
| | Mullidae | | <i>Balistapus aculeatus</i> | 807091 |
| | <i>Upeneus sulphureus</i> | 807091 | Diodontidae | |
| | Percidae | | <i>Diodon holocanthus</i> | 807091 |
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| | | 804420 | Cyprinodontidae | 806089 |
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| | <i>Percarina demidoffi</i> | 807712 | <i>Fundulus luciae</i> | 806869 |
| | <i>Percina notogramma</i> | 807600 | Belontiidae | |
| | <i>Percina peltata</i> | 807600 | <i>Xenentodon cancila</i> | 805605 |
| | <i>Stizostedion canadense</i> | 804525 | Clupeidae | |
| | <i>Stizostedion lucioperca</i> | 807730 | <i>Alosa aestivalis</i> | 805985 |
| | | | <i>Alosa kessleri</i> | 807712 |
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| | <i>Plesiops melas</i> | 807091 | | 808410 |
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| | <i>Dampiera spiloptera</i> | 807091 | | 808083 |
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| | <i>Pseudotolithus senegalensis</i> | 805648 | | 808134 |
| | | 808648 | <i>Clupeonella delicatula</i> | 807712 |
| | <i>Pseudotolithus typus</i> | 805648 | <i>Opisthonema oglinum</i> | 807033 |
| | Serranidae | 807091 | <i>Sardina pilchardus</i> | 807078 |
| | <i>Dicentrarchus labrax</i> | 807198 | | 808198 |
| | <i>Morone americana</i> | 805985 | | 808303 |
| | | 807812 | <i>Sardinella aurita</i> | 808012 |
| | <i>Morone mississippiensis</i> | 808901 | <i>Sardinella eba</i> | 808573 |
| | <i>Paralabrax clathratus</i> | 807226 | <i>Sardinella longiceps</i> | 807198 |
| | | 807232 | <i>Sprattus sprattus</i> | 808307 |
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| | <i>Lagodon rhomboides</i> | 806244 | Engraulidae | |
| | Theraponidae | | <i>Engraulis ringens</i> | 808164 |
| | <i>Therapon jarbua</i> | 807091 | | 808381 |
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| | Scombridae | 806782 | | 808387 |
| | | 807189 | Anguillidae | |
| | | 808351 | <i>Anguilla anguilla</i> | 806814 |
| | <i>Auxis rochei</i> | 807757 | <i>Anguilla rostrata</i> | 807198 |
| | <i>Auxis thazard</i> | 807757 | | 805985 |
| | <i>Euthynnus pelamis</i> | 808364 | Congridae | |
| | | 808963 | <i>Conger cinereus</i> | 807091 |
| | <i>Scomber scombrus</i> | 808066 | Moringuinae | |
| | <i>Thunnus</i> | 804513 | <i>Moringua abbreviata</i> | 807091 |
| | | 806011 | Muraenidae | 807091 |
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| | | 808147 | Megalopidae | |
| | | 808963 | <i>Megalops atlantica</i> | 806978 |
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| <i>Megalops cyprinoides</i> | 809005 | Salmonidae | 805905 | Environmental factors |
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| | 808486 | <i>Oncorhynchus gorbuscha</i> | 806022 | |
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| Cyprinidae | 805605 | <i>Oncorhynchus keta</i> | 806022 | |
| | 807090 | | 806644 | |
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| <i>Abramis brama</i> | 804433 | <i>Oncorhynchus kisutch</i> | 806037 | |
| | 805658 | <i>Oncorhynchus nerka</i> | 807275 | |
| | 807749 | | 807800 | |
| <i>Barbus barbus</i> | 807219 | <i>Oncorhynchus tshawytscha</i> | 806170 | |
| <i>Catla catla</i> | 805197 | | 808656 | |
| | 808615 | <i>Salmo clarki</i> | 806037 | |
| <i>Cirrhina mrigala</i> | 805197 | <i>Salmo gairdneri</i> | 806019 | |
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| <i>Cyprinus carpio</i> | 806814 | <i>Salmo trutta</i> | 804667 | |
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| <i>Gila elegans</i> | 807794 | | 806414 | |
| <i>Gila robusta</i> | 807794 | | 806832 | |
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| <i>Labeo rohita</i> | 805197 | <i>Salvelinus alpinus</i> | 806832 | |
| | 808615 | <i>Salvelinus fontinalis</i> | 804667 | |
| <i>Leuciscus idus</i> | 804433 | <i>Salvelinus malma</i> | 807275 | |
| <i>Leuciscus leuciscus</i> | 805969 | <i>Stenodus leucichthys</i> | 806835 | |
| <i>Notropis hudsonius</i> | 808650 | <i>Thymallus thymallus</i> | 808443 | |
| <i>Notropis stramineus</i> | 807832 | Idiacanthidae | | |
| <i>Pelecus cultratus</i> | 807712 | <i>Idiacanthus</i> | 804056 | |
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| <i>Rutilus rutilus</i> | 804433 | Acipenseromorpha | 805905 | |
| | 807749 | Teleostei | 805905 | |
| | 807219 | Centrarchidae | | |
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| Callichthyidae | 806089 | <i>Morone saxatilis</i> | 805905 | |
| Cetopsidae | 806089 | Cyprinidae | | |
| Heteropneustidae | | <i>Acanthobrama terraesanctae</i> | 804547 | |
| <i>Heteropneustes fossilis</i> | 805605 | Salmonidae | | |
| Ictaluridae | | <i>Oncorhynchus</i> | 805905 | |
| <i>Ictalurus punctatus</i> | 806822 | Thyroid | | |
| Loricariidae | 806089 | Cyprinidae | | |
| Pimelodontidae | 806089 | <i>Acanthobrama terraesanctae</i> | 804547 | |
| Siluridae | | Intertidal zone | | |
| <i>Ompok bimaculatus</i> | 805605 | Teleostei | 806057 | |
| <i>Silurus glanis</i> | 805232 | Lethal environmental limits | | |
| <i>Wallagonia attu</i> | 805605 | Cyprinodontidae | | |
| Sisoridae | | <i>Cyprinodon macularius</i> | 803837 | |
| <i>Glyptosternon reticulum</i> | 807334 | Seasonal changes | | |
| Trichomycteridae | 806089 | Clupeidae | | |
| Notopteridae | | <i>Sardina pilchardus</i> | 805665 | |
| <i>Notopterus notopterus</i> | 805605 | Salmonidae | | |
| Gadidae | | <i>Salmo gairdneri</i> | 808506 | |
| <i>Gadus macrocephalus</i> | 807153 | Migrations | | |
| <i>Gadus morhua</i> | 808005 | Catostomidae | | |
| <i>Molva dypterygia</i> | 805084 | <i>Catostomus catostomus</i> | 807422 | |
| <i>Pollachius virens</i> | 808097 | Reproduction | | |
| <i>Theragra chalcogramma</i> | 807153 | Spandae | | |
| <i>Trisopterus luscus</i> | 807198 | <i>Pagrus major</i> | 805620 | |
| <i>Urophycis tenuis</i> | 807903 | Adaptation | | |
| Merlucciidae | | Lipid and fatty acid content | | |
| <i>Merluccius bilinearis</i> | 807903 | Pleuronectidae | | |
| <i>Merluccius gayi</i> | 808165 | <i>Liopsetta glacialis</i> | 804594 | |
| Zoaridae | | <i>Platichthys flesus</i> | 804594 | |
| <i>Macrozoarces americanus</i> | 807207 | Gadidae | | |
| Gobiiesociformes | | <i>Eleginus navaga</i> | 804594 | |
| <i>Aspasma ciconiae</i> | 807091 | <i>Gadus morhua</i> | 804594 | |
| <i>Aspasma misakia</i> | 807091 | Biochemical blood constituents | | |
| Lophiidae | | Channichthyidae | 804247 | |
| <i>Lophius piscatorius</i> | 806515 | Nototheniidae | 804247 | |
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| <i>Dibranchius atlanticus</i> | 807130 | Experimental analysis | | |
| Percopsidae | | Scorpaenidae | | |
| <i>Percopsis omiscomaycus</i> | 808410 | <i>Scorpaena porcus</i> | 805727 | |
| | 808650 | <i>Scorpaena scrofa</i> | 805727 | |
| Argentinidae | | Poeciliidae | | |
| <i>Argentina silus</i> | 807903 | <i>Xiphophorus helleri</i> | 806878 | |
| Esocidae | | Anguillidae | | |
| <i>Esox lucius</i> | 805970 | <i>Anguilla anguilla</i> | 806878 | |
| | 807198 | Cyprinidae | | |
| Harpadontidae | | <i>Leuciscus idus</i> | 806878 | |
| <i>Harpadon nehereus</i> | 806064 | Salmonidae | | |
| Osmeridae | | <i>Salvelinus fontinalis</i> | 808765 | |
| <i>Osmerus eperlanus</i> | 807198 | Description and occurrence | | |
| <i>Osmerus mordax</i> | 807862 | Stichaeidae | | |
| | 808410 | <i>Xiphister atropurpureus</i> | 808294 | |
| | 808650 | | | |

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|--------------------------------------|-------------------------------|--------|----------------------------------|--------|
| Environmental factors (continued) | Gobiidae | | Activity patterns | |
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| | <i>Gobionellus sagittula</i> | 808294 | <i>Salmo salar</i> | 807343 |
| | <i>Quietula ycauda</i> | 808294 | Seasonal changes | |
| Temperature | Mugiloidae | | Cottidae | |
| | <i>Mugil cephalus</i> | 808294 | <i>Myoxocephalus scorpius</i> | 805399 |
| | Embiotocidae | | <i>Taurulus bubalis</i> | 805399 |
| | <i>Cymatogaster aggregata</i> | 808294 | Insecticide pollutants | |
| | Pomacentridae | | Salmonidae | |
| | <i>Abudefduf troschelii</i> | 808294 | <i>Salvelinus fontinalis</i> | 808765 |
| | Sciaenidae | | Effect on fish | 806641 |
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| | Sparidae | | | 806875 |
| | <i>Lagodon rhomboides</i> | 808294 | Cichlidae | |
| | Soleidae | | <i>Tilapia macrochir</i> | 806117 |
| | <i>Achirus mazatlanus</i> | 808294 | <i>Tilapia melanopleura</i> | 806117 |
| | Cottidae | | <i>Tilapia mossambica</i> | 806117 |
| | <i>Leptocottus armatus</i> | 808294 | <i>Tilapia zilli</i> | 806117 |
| | <i>Oligocottus maculosus</i> | 808294 | Pleuronectiformes | 804972 |
| | Balistidae | | Description and occurrence | |
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| | Tetraodontidae | | <i>Lepidosiren paradoxa</i> | 803973 |
| | <i>Sphoeroides annulatus</i> | 808294 | Cichlidae | |
| | Atherinidae | | <i>Tilapia aurea X</i> | |
| | <i>Menidia menidia</i> | 808294 | <i>Tilapia nilotica X</i> | 805973 |
| | Cyprinodontidae | | <i>Tilapia nilotica X</i> | |
| | <i>Fundulus heteroclitus</i> | 808294 | <i>Tilapia aurea X</i> | 805973 |
| | Gobiiesociformes | | Scombridae | |
| | <i>Tomicodon humeralis</i> | 808294 | <i>Thunnus albacares</i> | 805498 |
| | Salmonidae | | <i>Thunnus obesus</i> | 805498 |
| | <i>Salmo clarki</i> | 808294 | Cyprinodontidae | |
| Oxygen consumption | | | <i>Epiplatys bifasciatus</i> | 808275 |
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| <i>Pleuronectes platessa</i> | 804473 | | <i>Gambusia affinis</i> | 807179 |
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| <i>Salmo salar</i> | 807343 | | <i>Clupea harengus</i> | 807150 |
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| Cyprinidae | | | <i>Oncorhynchus nerka</i> | 807260 |
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| Cyprinidae | | | Teleostei | 807042 |
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| Cyprinodontidae | | | Teleostei | 809081 |
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| Anguillidae | | | <i>Clupea harengus</i> | 804592 |
| <i>Anguilla anguilla</i> | 804197 | | | 807741 |
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| <i>Carassius auratus</i> | 804227 | | Salmonidae | |
| LDH isoenzymes | | | <i>Coregonus lavaretus</i> | 805523 |
| Salmonidae | | | <i>Oncorhynchus kisutch</i> | 807086 |
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| Oxidative metabolism | | | <i>Salmo trutta</i> | 805523 |
| Salmonidae | | | Metabolic rate | |
| <i>Salmo gairdneri</i> | 803961 | | Cyprinidae | |
| <i>Salmo salar</i> | 804881 | | <i>Cyprinus carpio</i> | 806119 |
| <i>Salvelinus fontinalis</i> | 804881 | | Oxygen consumption | |
| Biomembranes | | | Teleostei | 805821 |
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| <i>Carassius auratus</i> | 806055 | | <i>Lepomis macrochirus</i> | 803970 |
| Ion and water relationships | | | Cichlidae | |
| Cottidae | | | <i>Tilapia mossambica</i> | 803877 |
| <i>Myoxocephalus scorpius</i> | 805399 | | | 804397 |
| <i>Taurulus bubalis</i> | 805399 | | Anguillidae | |
| Axial skeletal muscles | | | <i>Anguilla anguilla</i> | 804632 |
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| <i>Carassius auratus</i> | 808335 | | <i>Carassius auratus</i> | 803996 |
| Brain | | | <i>Cyprinus carpio</i> | 806119 |
| Cyprinodontidae | | | Umbridae | |
| <i>Fundulus heteroclitus</i> | 804227 | | <i>Umbra limi</i> | 808026 |
| Cyprinidae | | | Salmonidae | |
| <i>Carassius auratus</i> | 804038 | | <i>Oncorhynchus tshawytscha</i> | 808521 |
| | 804227 | | <i>Salmo gairdneri</i> | 806271 |
| Salmonidae | | | Body content | |
| <i>Salmo salar</i> | 804881 | | Salmonidae | |
| <i>Salvelinus fontinalis</i> | 804881 | | <i>Oncorhynchus nerka</i> | 807498 |
| Neuroendocrine system | | | Mineral content | |
| Anguillidae | | | Salmonidae | |
| <i>Anguilla anguilla</i> | 804537 | | <i>Salmo gairdneri</i> | 808853 |
| Oxygen transport | | | Radioactive content | |
| Ictaluridae | | | Cyprinidae | |
| <i>Ictalurus nebulosus</i> | 804034 | | <i>Carassius auratus</i> | 806995 |
| Erythrocytes | | | Enzymology | |
| Ictaluridae | | | Dipnoi | |
| <i>Ictalurus nebulosus</i> | 804034 | | <i>Protopterus annectens</i> | 808952 |
| Gas transport by blood | | | Pleuronectidae | |
| Ictaluridae | | | <i>Hippoglossus hippoglossus</i> | 807507 |
| <i>Ictalurus nebulosus</i> | 804369 | | <i>Pleuronectes platessa</i> | 804900 |
| Intestine | | | Salmonidae | |
| Cyprinidae | | | <i>Oncorhynchus gorbuscha</i> | 808767 |
| <i>Carassius auratus</i> | 806055 | | | |

| ATP ase content and function | | Cyprinidae | | Environmental factors |
|-----------------------------------|--------|------------------------------------|--------|-----------------------|
| Cyprinidae | | <i>Carassius auratus</i> | 805374 | (continued) |
| <i>Carassius auratus</i> | 806456 | Spleen | | |
| LDH isoenzymes | | Cyprinidae | | |
| Salmonidae | | <i>Cyprinus carpio</i> | 808227 | |
| <i>Salvelinus fontinalis</i> | 806979 | Biochemical blood constituents | | Temperature |
| <i>Salvelinus namaycush</i> | 806979 | Teleostei | 809063 | |
| Intermediary metabolism | | Cyprinodontidae | | |
| Pleuronectidae | | <i>Fundulus heteroclitus</i> | 805400 | |
| <i>Hippoglossus hippoglossus</i> | 807507 | | 805707 | |
| Oxidative metabolism | | Ictaluridae | | |
| Dipnoi | | <i>Ictalurus catus</i> | 808709 | |
| <i>Lepidosiren paradoxa</i> | 803973 | <i>Ictalurus nebulosus</i> | 808709 | |
| Nitrogen metabolism | | Serum esterase | | |
| Centrarchidae | | Catostomidae | | |
| <i>Lepomis macrochirus</i> | 807454 | <i>Catostomus clarki</i> | 808761 | |
| Lipid metabolism | | Immunological reactions | | |
| Cyprinidae | | Anguillidae | | |
| <i>Carassius auratus</i> | 806995 | <i>Anguilla japonica</i> | 805491 | |
| Salmonidae | | Cyprinidae | | |
| <i>Salmo trutta</i> | 808856 | <i>Cyprinus carpio</i> | 806113 | |
| Ion and water relationships | | Immunological analysis | | |
| Cottidae | | Ictaluridae | | |
| <i>Myoxocephalus scorpius</i> | 804965 | <i>Ictalurus catus</i> | 808709 | |
| <i>Taurulus bubalis</i> | 804965 | <i>Ictalurus nebulosus</i> | 808709 | |
| Salmonidae | | Gas transport by blood | | |
| <i>Salmo salar</i> | 805143 | Carcharinidae | | |
| Permeability | | <i>Carcharias longimanus</i> | 806664 | |
| Pleuronectidae | | Coryphaenidae | | |
| <i>Platichthys flesus</i> | 804191 | <i>Coryphaena hippurus</i> | 806664 | |
| Cyprinidae | | Scombridae | | |
| <i>Carassius auratus</i> | 804191 | <i>Thunnus albacares</i> | 806664 | |
| <i>Phoxinus phoxinus</i> | 804191 | Xiphiidae | | |
| Coloration | | <i>Xiphias gladius</i> | 806664 | |
| Salmonidae | | Gastric digestion | | |
| <i>Salmo trutta</i> | 807843 | Ictaluridae | | |
| Color change | | <i>Ictalurus punctatus</i> | 808533 | |
| Bothidae | | Intestine | | |
| <i>Rhomboidichthys podas</i> | 805044 | Cyprinidae | | |
| Soleidae | | <i>Carassius auratus</i> | 806456 | |
| <i>Solea solea</i> | 805044 | Salmonidae | | |
| Cottidae | | <i>Oncorhynchus kisutch</i> | 807086 | |
| <i>Cottus gobio</i> | 805044 | Intestinal digestion | | |
| Scales | | Cyprinidae | | |
| Cyprinidae | | <i>Carassius auratus</i> | 803825 | |
| <i>Carassius auratus</i> | 804800 | <i>Hypophthalmichthys molitrix</i> | 807653 | |
| Salmonidae | | Ictaluridae | | |
| <i>Oncorhynchus nerka</i> | 808655 | <i>Ictalurus punctatus</i> | 808533 | |
| Vertebrae | | Liver | | |
| Clupeidae | | Salmonidae | | |
| <i>Clupea harengus</i> | 807741 | <i>Oncorhynchus gorbuscha</i> | 808767 | |
| Axial skeletal muscles | | Kidney | | |
| Pleuronectidae | | Cyprinidae | | |
| <i>Pleuronectes platessa</i> | 804900 | <i>Cyprinus carpio</i> | 808227 | |
| Heart musculature | | Ovary | | |
| Pleuronectidae | | Salmonidae | | |
| <i>Pleuronectes platessa</i> | 804900 | <i>Salmo gairdneri</i> | 807368 | |
| Electric organs | | Ovarian cycles | | |
| Gymnotidae | | Gasterosteidae | | |
| <i>Eigenmannia</i> | 805241 | <i>Gasterosteus aculeatus</i> | 809062 | |
| Nervous electrophysiology | | Cichlidae | | |
| Cyprinidae | | <i>Tilapia leucosticta</i> | 805587 | |
| <i>Carassius carassius</i> | 809054 | Fecundity | | |
| Brain | | Oryziatidae | | |
| Dipnoi | | <i>Oryzias latipes</i> | 804260 | |
| <i>Protopterus annectens</i> | 808952 | Testicular cycles | | |
| Telencephalon | | Gasterosteidae | | |
| Cottidae | | <i>Gasterosteus aculeatus</i> | 808337 | |
| <i>Myoxocephalus scorpioides</i> | 808768 | | 809062 | |
| <i>Myoxocephalus scorpius</i> | 808768 | Cichlidae | | |
| Olfactory nerve | | <i>Tilapia leucosticta</i> | 805587 | |
| Cyprinidae | | Cyprinodontidae | | |
| <i>Carassius carassius</i> | 809054 | <i>Fundulus heteroclitus</i> | 806896 | |
| Thyrotroph | | Seasonal sexual coloration | | |
| Salmonidae | | Gasterosteidae | | |
| <i>Salmo gairdneri</i> | 804541 | <i>Gasterosteus aculeatus</i> | 808337 | |
| Thyroid | | General embryology | | |
| Elasmobranchii | 809073 | Teleostei | 809081 | |
| Teleostei | 809073 | Gobiidae | | |
| Adrenal cortex | | <i>Gobius niger</i> | 805128 | |
| Salmonidae | | Cichlidae | | |
| <i>Oncorhynchus kisutch</i> | 804368 | <i>Tilapia melanotheron</i> | 808411 | |
| <i>Salmo gairdneri</i> | 804368 | Cottidae | | |
| Regulatory respiratory mechanisms | | <i>Myoxocephalus quadricornis</i> | 806258 | |
| Anguillidae | | Clupeidae | | |
| <i>Anguilla anguilla</i> | 804632 | <i>Sardina pilchardus</i> | 804529 | |
| Heart | | Cyprinidae | | |
| Centrarchidae | | <i>Cyprinus carpio</i> | 808450 | |
| <i>Lepomis macrochirus</i> | 803970 | Esocidae | | |
| Oryziatidae | | <i>Esox lucius</i> | 806310 | |
| <i>Oryzias latipes</i> | 805374 | Osmeridae | | |
| Poeciliidae | | <i>Osmerus eperlanus</i> | 806310 | |
| <i>Poecilia reticulata</i> | 805374 | | | |

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|--------------------------------------|------------------------------------|--------|-----------------------------------|--------|
| Environmental factors (continued) | Salmonidae | | Cyprinidae | |
| | <i>Coregonus lavaretus</i> | 805523 | <i>Ctenopharyngodon idella</i> | 807005 |
| | <i>Coregonus peled</i> | 804442 | Salmonidae | |
| Temperature | <i>Oncorhynchus nerka</i> | 806423 | <i>Oncorhynchus kisutch</i> | 806637 |
| | | 807260 | | 807084 |
| | <i>Salmo gairdneri</i> | 808925 | <i>Oncorhynchus nerka</i> | 807498 |
| | <i>Salmo salar</i> | 805523 | <i>Salvelinus fontinalis</i> | 806972 |
| | | 804442 | | 807801 |
| | <i>Salmo trutta</i> | 806423 | Starvation | |
| | | 805523 | Salmonidae | |
| | Egg | | <i>Salvelinus fontinalis</i> | 806030 |
| | Teleostei | 807332 | Speciation | |
| | Cyprinidae | | Teleostei | 804330 |
| | <i>Barbus kersteni</i> | 804708 | Distribution within habitat | |
| Sperm | Salmonidae | | Clupeidae | |
| | <i>Salmo salar</i> | 807551 | <i>Sardina pilchardus</i> | 804980 |
| | Developing egg | | Vertical distribution | |
| | <i>Acipenseromorpha</i> | | Scombridae | |
| | <i>Acipenser gueldenstaedti</i> | 808425 | <i>Thunnus</i> | 804967 |
| | Pleuronectidae | | Radioactivity | |
| | <i>Eopsetta jordani</i> | 808867 | Poeciliidae | |
| | <i>Hippoglossoides classodon</i> | 808867 | <i>Gambusia affinis</i> | 805386 |
| | Cleavage and epiboly | | Cestoda | |
| | <i>Acipenseromorpha</i> | | Centrarchidae | |
| | <i>Acipenser gueldenstaedti</i> | 806675 | <i>Micropterus dolomieu</i> | 804495 |
| | Gobiidae | | Lethal environmental limits | |
| Clupeidae | <i>Gobius niger</i> | 805128 | Teleostei | 807332 |
| | <i>Clupea harengus</i> | 804592 | | 809081 |
| | Embryogenesis | | Mugiloidi | |
| | Clupeidae | | <i>Liza macrolepis</i> | 806438 |
| | <i>Clupea harengus</i> | 804592 | Cichlidae | |
| | Embryo behavior | | <i>Tilapia mossambica</i> | 806438 |
| | Esocidae | | Poeciliidae | |
| | <i>Esox lucius</i> | 807651 | <i>Gambusia affinis</i> | 805386 |
| | Hatching | | Esocidae | |
| | Teleostei | 809081 | <i>Esox lucius</i> | 806310 |
| | Cichlidae | | Osmeridae | |
| | <i>Tilapia melanotheron</i> | 808411 | <i>Osmerus eperlanus</i> | 806310 |
| Esocidae | <i>Esox lucius</i> | 807651 | Salmonidae | |
| | Hatching glands | | <i>Coregonus peled</i> | 804442 |
| | Percidae | | <i>Oncorhynchus tshawytscha</i> | 806873 |
| | <i>Stizostedion lucioperca</i> | 804769 | <i>Salmo salar</i> | 804442 |
| Larva | Teleostei | 807332 | Behavior | |
| | <i>Sardina pilchardus</i> | 804529 | Cyprinodontidae | |
| | Engraulidae | | <i>Cyprinodon macularius</i> | 803837 |
| | <i>Engraulis encrasicolus</i> | 807670 | Activity patterns | |
| | Salmonidae | | Cottidae | |
| | <i>Oncorhynchus</i> | 806020 | <i>Cottus gobio</i> | 803932 |
| | <i>Oncorhynchus nerka</i> | 807260 | <i>Cottus poecilopus</i> | 803932 |
| | Fry | | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus</i> | 806020 |
| | <i>Salvelinus fontinalis</i> | 806030 | Seasonal changes | |
| | Young | | Cyprinodontidae | |
| | Mugiloidi | 804533 | <i>Fundulus heteroclitus</i> | 805400 |
| Crenimugil labrosus | Cyprinidae | | Seasonal abundance | |
| | <i>Hypophthalmichthys molitrix</i> | 807653 | Scombridae | |
| | Salmonidae | | <i>Thunnus albacares</i> | 805498 |
| | <i>Salvelinus fontinalis</i> | 807438 | <i>Thunnus obesus</i> | 805498 |
| | Juvenile | | Orientation with light source | |
| | Salmonidae | | Clupeidae | |
| | <i>Salmo salar</i> | 805143 | <i>Clupea harengus</i> | 808662 |
| | Life span | | Swimming speed | |
| | Cyprinodontidae | | Percidae | |
| | <i>Cynolebias bellotti</i> | 804135 | <i>Perca flavescens</i> | 805821 |
| | Change with age | | Feeding | |
| | Salmonidae | | Mugiloidi | |
| Coregonus peled | <i>Coregonus peled</i> | 804442 | <i>Crenimugil labrosus</i> | 804533 |
| | | 806423 | Cottidae | |
| | <i>Salmo salar</i> | 804442 | <i>Oligocottus maculosus</i> | 806855 |
| | | 806423 | Engraulidae | |
| | Rate of growth | | <i>Engraulis encrasicolus</i> | 807670 |
| | Cichlidae | | Breathing | |
| | <i>Tilapia aurea</i> X | 805973 | Centrarchidae | |
| | <i>Tilapia nilotica</i> X | | <i>Lepomis macrochirus</i> | 803970 |
| | Sparidae | 805622 | Cyprinidae | |
| | <i>Pagrus major</i> | | <i>Carassius auratus</i> | 803996 |
| | Cyprinidae | | Self protection | |
| | <i>Ctenopharyngodon idella</i> | 807005 | Salmonidae | |
| Cyprinus carpio | Salmonidae | 808244 | <i>Oncorhynchus tshawytscha</i> | 806873 |
| | <i>Oncorhynchus nerka</i> | 807498 | <i>Salmo gairdneri</i> | 806873 |
| | <i>Salvelinus fontinalis</i> | 807505 | Habitat preference | |
| | Maintenance energy requirements | | Acanthuridae | |
| | Salmonidae | | <i>Acanthurus triostegus</i> | 804921 |
| | <i>Salvelinus fontinalis</i> | 807801 | Cottidae | |
| | Energy conversion efficiency | | <i>Myoxoccephalus scorpioides</i> | 808768 |
| | Centrarchidae | | <i>Myoxoccephalus scorpius</i> | 808768 |
| | <i>Micropterus salmoides</i> | 806637 | Background selection | |
| | | | Poeciliidae | |
| | | | <i>Gambusia affinis</i> | 807179 |
| | | | Migrations | |
| | | | Clupeidae | |
| | | | <i>Clupea harengus</i> | 807150 |

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| Salmonidae | | | Ontogenetic color change | | Environmental factors |
| <i>Oncorhynchus tshawytscha</i> | 806025 | | Salmonidae | | (continued) |
| <i>Salmo gairdneri</i> | 806025 | | <i>Salmo salar</i> | 806853 | |
| Reproduction | | | Axial skeletal muscles | | |
| Cichlidae | | | Scombridae | 803720 | Temperature |
| <i>Tilapia mossambica</i> | 806116 | | <i>Euthynnus pelamis</i> | 803720 | |
| Mating | | | <i>Thunnus thynnus</i> | | |
| Oryziatidae | | | Function | | |
| <i>Oryzias latipes</i> | 804260 | | Isuridae | | |
| Naive responses to stimuli | | | <i>Isurus oxyrinchus</i> | 803721 | |
| Clupeidae | | | <i>Lamna nasus</i> | 803721 | |
| <i>Clupea harengus</i> | 804985 | | Red muscles | | |
| Stress reactions | | | Scombridae | | |
| Salmonidae | | | <i>Euthynnus pelamis</i> | 803720 | |
| <i>Oncorhynchus kisutch</i> | 804368 | | <i>Thunnus thynnus</i> | 803720 | |
| <i>Salmo gairdneri</i> | 804368 | | Function | | |
| Host parasite interactions | | | Isuridae | | |
| Carangidae | | | <i>Isurus oxyrinchus</i> | 803721 | |
| <i>Seriola quinqueradiata</i> | 806581 | | <i>Lamna nasus</i> | 803721 | |
| Centrarchidae | | | Electric organs | | |
| <i>Micropterus dolomieu</i> | 804495 | | Experimental analysis | | |
| Cyprinidae | | | Torpedinidae | | |
| <i>Carassius auratus</i> | 803847 | | <i>Torpedo marmorata</i> | 803728 | |
| Natural mortality | | | <i>Torpedo torpedo</i> | 803728 | |
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| <i>Salvelinus fontinalis</i> | 807438 | | Acclimation | | |
| Spawning channels | | | Cyprinidae | | |
| Salmonidae | 808488 | | <i>Carassius auratus</i> | 803727 | |
| Artificial rearing environments | | | Taste buds | | |
| Cyprinidae | | | Developmental analysis | | |
| <i>Cyprinus carpio</i> | 808450 | | Poeciliidae | | |
| Fish, control agents | | | <i>Poecilia reticulata</i> | 804258 | |
| Teleostei | 808604 | | Oxygen transport | | |
| | 808605 | | Acclimation | | |
| Centrarchidae | 808606 | | Ictaluridae | | |
| Bibliography | 806676 | | <i>Ictalurus nebulosus</i> | 803629 | |
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| Salmonidae | | | Effect on fish | | |
| <i>Oncorhynchus nerka</i> | 808925 | | Salmonidae | | |
| Anesthetics | | | <i>Salvelinus fontinalis</i> | 803751 | |
| Centrarchidae | | | Immunological reactions | | |
| <i>Lepomis macrochirus</i> | 808600 | | Effect on fish | | |
| | 808608 | | Lutjanidae | 803689 | |
| <i>Micropterus salmoides</i> | 808600 | | Salmonidae | | |
| Ictaluridae | | | <i>Salmo gairdneri</i> | 803630 | |
| <i>Ictalurus punctatus</i> | 808600 | | Immunological analysis | | |
| Salmonidae | 808602 | | Effect on fish | | |
| | 808607 | | Semionotomorpha | | |
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| Use as test animal | | | Gastric digestion | | |
| Salmonidae | | | Effect on fish | | |
| <i>Oncorhynchus masou</i> | 807114 | | Scorpaenidae | | |
| <i>Salmo gairdneri</i> | 807114 | | <i>Sebastes inermis</i> | 804316 | |
| Tissue culture techniques | | | Liver | | |
| Salmonidae | | | Biochemistry | | |
| <i>Salmo gairdneri</i> | 807368 | | Salmonidae | | |
| Oxygen consumption | | | <i>Salmo gairdneri</i> | 803965 | |
| Acclimation | | | Acclimation | | |
| Batrachoidiformes | | | Salmonidae | | |
| <i>Opsanus tau</i> | 803742 | | <i>Salmo gairdneri</i> | 803965 | |
| Protein synthesis | | | General embryology | | |
| Experimental analysis | | | Cichlidae | | |
| Batrachoidiformes | | | <i>Tilapia nilotica</i> | 805682 | |
| <i>Opsanus tau</i> | 803584 | | Effect on fish | 803710 | |
| Effect on fish | | | Hatching | | |
| Batrachoidiformes | | | Effect on fish | 803710 | |
| <i>Opsanus tau</i> | 803755 | | Fry | | |
| Enzymology | | | Experimental analysis | | |
| Adaptation | | | Salmonidae | | |
| Zoarcidae | | | <i>Oncorhynchus gorbuscha</i> | 808924 | |
| <i>Lycodes diapterus</i> | 807041 | | Geographic variation | | |
| Acclimation | | | Experimental analysis | | |
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| <i>Carassius auratus</i> | 803727 | | <i>Salmo gairdneri</i> | 807366 | |
| Zoarcidae | | | Lethal environmental limits | | |
| <i>Lycodes diapterus</i> | 807041 | | Salmonidae | | |
| Salmonidae | | | <i>Salmo gairdneri</i> | 807366 | |
| <i>Salmo gairdneri</i> | 803527 | | Eutrophic lakes | | |
| Oxidative metabolism | | | Description and occurrence | | |
| Acclimation | | | | 804952 | |
| Cyprinidae | | | Reservoirs | | |
| <i>Carassius auratus</i> | 806524 | | Description and occurrence | | |
| Lipid metabolism | | | Teleostei | 806160 | |
| Salmonidae | | | Standing crop | 806164 | |
| <i>Salmo trutta</i> | 808864 | | Temperature | | |
| Ion and water relationships | | | Migrations | | |
| Effect on fish | | | Clupeidae | | |
| Salmonidae | | | <i>Clupea harengus</i> | 806319 | |
| <i>Salmo gairdneri</i> | 803589 | | Radioactivity | | |
| Pigment cells | | | Lethal environmental limits | | |
| Experimental analysis | | | Oryziatidae | | |
| Cyprinodontidae | | | <i>Oryzias latipes</i> | 808878 | |
| <i>Fundulus heteroclitus</i> | 803595 | | | | |

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|--------------------------------------|----------------------------------|--------|---------------------------------------|--------|
| Environmental factors (continued) | Ammonia | | Scombridae | |
| | Experimental analysis | | <i>Euthynnus pelamis</i> | 806745 |
| Temperature | Cyprinidae | | <i>Thunnus albacares</i> | 806745 |
| | <i>Carassius auratus</i> | 803722 | <i>Thunnus obesus</i> | 806745 |
| Light | Ictaluridae | | Clupeidae | |
| | <i>Ictalurus punctatus</i> | 803722 | <i>Dorosoma cepedianum</i> | 806165 |
| | Salmonidae | | Catostomidae | |
| | <i>Salmo gairdneri</i> | 803722 | <i>Carpiodes carpio</i> | 806165 |
| | Lethal environmental limits | | <i>Ictiobus bubalus</i> | 806165 |
| | Elasmobranchii | 807332 | Ictaluridae | |
| | Gobiidae | | <i>Ictalurus melas</i> | 806165 |
| | <i>Periophthalmus sobrinus</i> | 803797 | <i>Ictalurus punctatus</i> | 806165 |
| | Percidae | | <i>Pygidictis olivaris</i> | 806165 |
| | <i>Perca fluviatilis</i> | 806640 | Light | |
| | Cyprinidae | 806640 | Clariidae | |
| | Salmonidae | | <i>Clarias batrachus</i> | 804107 |
| | <i>Salmo salar</i> | 806640 | Description and occurrence | |
| | <i>Salmo trutta</i> | 806640 | Teleostei | |
| | Experimental analysis | | Salmonidae | |
| | Teleostei | 806876 | <i>Oncorhynchus nerka</i> | 807800 |
| | Hear pollution | | <i>Salmo trutta</i> | 806832 |
| | Teleostei | 806636 | <i>Salvelinus alpinus</i> | 806832 |
| | Centrarchidae | | Acclimation | |
| | <i>Micropterus dolomieu</i> | 806639 | Orientation with light source | |
| | Percidae | | Clupeidae | |
| | <i>Perca flavescens</i> | 806639 | <i>Clupea harengus</i> | 808662 |
| | Catostomidae | | Effect on fish | |
| | <i>Catostomus</i> | 806639 | Meristics | |
| | Cyprinidae | | Salmonidae | |
| | <i>Cyprinus carpio</i> | 806639 | <i>Salmo gairdneri</i> | 804489 |
| | <i>Psychocheilus oregonensis</i> | 806639 | Coloration | |
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| | <i>Oncorhynchus</i> | 806639 | <i>Pagrus major</i> | 805622 |
| | Seasonal changes | | | 805623 |
| | Scales | | Gonostomatidae | |
| | Salmonidae | | <i>Valenciennellus tripunctulatus</i> | 803506 |
| | <i>Oncorhynchus nerka</i> | 808655 | Pigment cells | |
| | Habitat preference | | Oryziatidae | |
| | Scombridae | | <i>Oryzias latipes</i> | 805072 |
| | <i>Euthynnus pelamis</i> | 808664 | Color change | |
| | <i>Thunnus albacares</i> | 808664 | Soleidae | |
| | Experimental analysis | | <i>Solea solea</i> | 805044 |
| | Salmonidae | | Cottidae | |
| | <i>Thymallus arcticus</i> | 807278 | <i>Cottus gobio</i> | 805044 |
| | Description and occurrence | | Ontogenetic color change | |
| | Scombridae | | Salmonidae | |
| | <i>Euthynnus pelamis</i> | 808282 | <i>Salmo salar</i> | 806853 |
| | <i>Thunnus albacares</i> | 808282 | Choroid and tapetum | |
| | Acclimation | | Carcharhinidae | |
| | Salmonidae | | Orectolobidae | |
| | <i>Thymallus arcticus</i> | 807278 | <i>Ginglymostoma cirratum</i> | 804238 |
| | Oxygen consumption | | Scyliorhinidae | |
| | Salmonidae | | <i>Apristurus brunneus</i> | 804238 |
| | <i>Thymallus arcticus</i> | 807278 | <i>Cephaloscyllium uter</i> | 804238 |
| | Migrations | | Heterodontiformes | |
| | Experimental analysis | | <i>Heterodontus francisci</i> | 804238 |
| | Salmonidae | | Pineal | |
| | <i>Oncorhynchus gorboscha</i> | 808924 | Labridae | |
| | Stress reactions | | <i>Crenilabrus melops</i> | 806430 |
| | Experimental analysis | | Ovarian cycles | |
| | Cyprinidae | | Gasterosteidae | |
| | <i>Carassius auratus</i> | 806318 | <i>Gasterosteus aculeatus</i> | 809062 |
| | Salmonidae | | Cichlidae | |
| | <i>Salmo gairdneri</i> | 806318 | <i>Tilapia leucosticta</i> | 805587 |
| | Artificial rearing environments | | Salmonidae | |
| | Rate of growth | | <i>Salvelinus fontinalis</i> | 808847 |
| | Cyprinidae | | Testicular cycles | |
| | <i>Cyprinus carpio</i> | 808244 | Gasterosteidae | |
| | Anesthetics | | <i>Gasterosteus aculeatus</i> | 808337 |
| | Lethal environmental limits | | | 809062 |
| | Centrarchidae | | Cichlidae | |
| | <i>Lepomis macrochirus</i> | 808601 | <i>Tilapia leucosticta</i> | 805587 |
| | Salmonidae | | Salmonidae | |
| | <i>Salmo gairdneri</i> | 808601 | <i>Salvelinus fontinalis</i> | 808847 |
| | Amino acids | | Seasonal sexual coloration | |
| | Effect on fish | | Gasterosteidae | |
| | Brain | | <i>Gasterosteus aculeatus</i> | 808337 |
| | <i>Acipenseromorpha</i> | | Embryo behavior | |
| | <i>Acipenser gueldenstaedti</i> | 805257 | Esocidae | |
| | Percidae | | <i>Esox lucius</i> | 807651 |
| | <i>Stizostedion lucioperca</i> | 805257 | Hatching | |
| | Distribution and occurrence | | Esocidae | |
| | Semionotomorpha | 806165 | <i>Esox lucius</i> | 807651 |
| | Teleostei | 807517 | Larva | |
| | Centrarchidae | | Teleostei | 809081 |
| | <i>Pomoxis annularis</i> | 806165 | Fr. | |
| | Percidae | | Salmonidae | |
| | <i>Stizostedion vitreum</i> | 806165 | <i>Oncorhynchus</i> | 806020 |
| | Scaenidae | | Change with age | |
| | <i>Aplodinotus grunniens</i> | 806165 | Salmonidae | |
| | Serranidae | | <i>Salmo gairdneri</i> | 807545 |
| | <i>Morone chrysops</i> | 806165 | | |

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|--------------------------------|--------|----------------------------------|--------|-----------------------|
| Rate of growth | | <i>Xiphophorus maculatus</i> | 805750 | Environmental factors |
| Ictaluridae | | Tissue culture techniques | | (continued) |
| <i>Ictalurus punctatus</i> | 806822 | Pomadasyidae | | |
| Salmonidae | | <i>Haemulon sciurus</i> | 804684 | |
| <i>Salvelinus fontinalis</i> | 808847 | Aqueous humor | | |
| Energy conversion efficiency | | Eye | | Light |
| Ictaluridae | | Salmonidae | | |
| <i>Ictalurus punctatus</i> | 806822 | <i>Salmo gairdneri</i> | 804036 | |
| Distribution within habitat | | Pigment cells | | |
| Clupeidae | | Experimental analysis | | |
| <i>Sardina pilchardus</i> | 808196 | Cyprinodontidae | | |
| Salmonidae | | <i>Fundulus heteroclitus</i> | 803595 | |
| <i>Salmo trutta</i> | 807798 | Sclera and cornea | | |
| Vertical distribution | | Effect on fish | | |
| Serranidae | | Salmonidae | | |
| <i>Morone americana</i> | 804229 | <i>Salmo gairdneri</i> | 803715 | |
| Salmonidae | | <i>Salvelinus namaycush</i> | 803715 | |
| <i>Oncorhynchus nerka</i> | 808376 | Lens | | |
| Substratum | | Effect on fish | | |
| Salmonidae | | Salmonidae | | |
| <i>Salmo gairdneri</i> | 807380 | <i>Salmo gairdneri</i> | 803715 | |
| Circadian rhythms | | <i>Salvelinus namaycush</i> | 803715 | |
| Gadidae | | Retina | | |
| <i>Lota lota</i> | 805108 | Acclimation | | |
| Activity patterns | | Characidae | | |
| Blenniidae | | <i>Astyanax mexicanus</i> | 803823 | |
| <i>Blennius gattorugine</i> | 807956 | Activity patterns | | |
| <i>Blennius sanguinolentus</i> | 807956 | Effect on fish | | |
| Cottidae | | Centrarchidae | | |
| <i>Cottus gobio</i> | 803932 | <i>Micropterus salmoides</i> | 803623 | |
| <i>Cottus poeciliopus</i> | 803932 | Habitat preference | | |
| | 803934 | Experimental analysis | | |
| Cyprinodontidae | | Gasterosteidae | | |
| <i>Epiplatys bifasciatus</i> | 808275 | <i>Pungitius pungitius</i> | 807656 | |
| Gadidae | | Change with age | | |
| <i>Lota lota</i> | 805108 | Gasterosteidae | | |
| Salmonidae | | <i>Gasterosteus aculeatus</i> | 807656 | |
| <i>Oncorhynchus</i> | 806020 | Belontiidae | | |
| <i>Salmo trutta</i> | 803933 | <i>Trichogaster trichopterus</i> | 807656 | |
| Rheotaxis | | Percidae | | |
| Percidae | 807672 | <i>Perca fluviatilis</i> | 807656 | |
| Pleuronectidae | | <i>Stizostedion lucioperca</i> | 807656 | |
| <i>Pleuronectes platessa</i> | 804192 | Cyprinidae | | |
| Cyprinidae | 807672 | <i>Cyprinus carpio</i> | 807656 | |
| Swimming speed | | <i>Leucaspis delineatus</i> | 807656 | |
| Clupeidae | | <i>Rutilus rutilus</i> | 807656 | |
| <i>Sardina pilchardus</i> | 806347 | Esocidae | | |
| Feeding | | <i>Esox lucius</i> | 807656 | |
| Teleostei | | Bioluminescence | | |
| Salmonidae | 809081 | Description and occurrence | | |
| <i>Salmo gairdneri</i> | 807556 | Schooling | | |
| <i>Salmo trutta</i> | 807556 | Teleostei | 807839 | |
| Habitat preference | | Effect on fish | | |
| Salmonidae | | Schooling | | |
| <i>Salmo gairdneri</i> | 807380 | Teleostei | 807839 | |
| Hiding | | Transparency | | |
| Centrarchidae | | Habitat preference | | |
| <i>Micropterus dolomieu</i> | 807339 | Scombridae | | |
| Avoidance responses | | <i>Euthynnus pelamis</i> | 808282 | |
| Carangidae | | <i>Thunnus albacares</i> | 808282 | |
| <i>Trachurus trachurus</i> | 806318 | Darkness | | |
| Scombridae | 806318 | Adaptive evolution | | |
| Engraulidae | | Teleostei | 805735 | |
| <i>Engraulis japonicus</i> | 806318 | Acclimation | | |
| Gadidae | | Retina | | |
| <i>Boreogadus saida</i> | 806342 | Cichlidae | | |
| Salmonidae | | <i>Nannacara anomala</i> | 804152 | |
| <i>Salmo gairdneri</i> | 807545 | Effect on fish | | |
| Schooling | | Retina | | |
| Scombridae | | Characidae | | |
| <i>Euthynnus pelamis</i> | 807782 | <i>Astyanax mexicanus</i> | 803823 | |
| <i>Thunnus albacares</i> | 807782 | Neurosecretion in brain | | |
| <i>Thunnus thynnus</i> | 807782 | Clariidae | | |
| Exocoetidae | | <i>Clarias batrachus</i> | 804107 | |
| <i>Cypselurus opisthopus</i> | 804120 | Ovarian cycles | | |
| Clupeidae | | Salmonidae | | |
| <i>Sardina pilchardus</i> | 806347 | <i>Salvelinus fontinalis</i> | 808847 | |
| Vertical migrations | | Testicular cycles | | |
| Exocoetidae | | Salmonidae | | |
| <i>Cypselurus opisthopus</i> | 804120 | <i>Salvelinus fontinalis</i> | 808847 | |
| Fishing gear selectivity | | Rate of growth | | |
| Scombridae | | Salmonidae | | |
| <i>Euthynnus pelamis</i> | 807782 | <i>Salvelinus fontinalis</i> | 808847 | |
| <i>Thunnus albacares</i> | 807782 | Feeding | | |
| <i>Thunnus thynnus</i> | 807782 | Pleuronectidae | | |
| Entrainment | | <i>Pleuronectes platessa</i> | 806576 | |
| Percidae | 807672 | Soleidae | | |
| Cyprinidae | 807672 | <i>Solea solea</i> | 806576 | |
| Survival in captivity | | Avoidance responses | | |
| Cichlidae | | Gobiidae | | |
| <i>Pterophyllum</i> | 805750 | <i>Gillichthys mirabilis</i> | 803897 | |
| <i>Tilapia heudeloti</i> | 805750 | | | |
| Poeciliidae | | | | |
| <i>Poecilia reticulata</i> | 805750 | | | |

| Environmental factors (continued) | Radioactivity | | Sex chromosomes | |
|--------------------------------------|--------------------------------|--------|---------------------------------|--------|
| | Effect on fish | | Poeciliidae | |
| | Teleostei | 807674 | <i>Poecilia reticulata</i> | 805254 |
| | Biochemistry | | Crossing over | |
| | Cobitidae | | Poeciliidae | |
| | <i>Misgurnus fossilis</i> | 807728 | <i>Poecilia reticulata</i> | 805254 |
| | Protein synthesis | | Mutations | |
| | Cyprinidae | | Poeciliidae | |
| | <i>Carassius auratus</i> | 805396 | <i>Poecilia reticulata</i> | 805253 |
| | Intermediate metabolism | | | 805255 |
| | Cobitidae | | | 805870 |
| | <i>Misgurnus fossilis</i> | 807675 | Lethal environmental limits | |
| | Scales | | Oryziatidae | |
| | Catostomidae | | <i>Oryzias latipes</i> | 808877 |
| | <i>Ictiobus bubalus</i> | 806159 | Reproduction | |
| | Axial skeleton | | Cobitidae | |
| | Poeciliidae | | <i>Misgurnus fossilis</i> | 807675 |
| | <i>Poecilia reticulata</i> | 805253 | | 807728 |
| | Vertebrae | | Radioactive content | |
| | Poeciliidae | | Experimental analysis | |
| | <i>Poecilia reticulata</i> | 805255 | Ictaluridae | |
| | Meninges | | <i>Ictalurus nebulosus</i> | 805126 |
| | Petromyzontomorphs | | Thyroid | |
| | <i>Lampetra planeri</i> | 807065 | Effect on fish | |
| | Neuroendocrine system | | Bagridae | |
| | Cyprinidae | | <i>Myxus vitatus</i> | 803761 |
| | <i>Carassius auratus</i> | 806293 | General embryology | |
| | Bagridae | | Experimental analysis | |
| | <i>Myxus vitatus</i> | 806293 | Salmonidae | |
| | Blood and lymph | | <i>Coregonus peled</i> | 806423 |
| | Cobitidae | | <i>Salmo salar</i> | 806423 |
| | <i>Misgurnus fossilis</i> | 807728 | Temperature | |
| | Biochemical blood constituents | | Salmonidae | |
| | Centrarchidae | | <i>Coregonus peled</i> | 806423 |
| | <i>Lepomis macrochirus</i> | 806889 | <i>Salmo salar</i> | 806423 |
| | Allograft reaction | | Mutations | |
| | Cyprinidae | | Experimental analysis | |
| | <i>Carassius auratus</i> | 806565 | Poeciliidae | |
| | Intestine | | <i>Poecilia reticulata</i> | 803600 |
| | Cyprinidae | | | 803658 |
| | <i>Carassius auratus</i> | 805396 | Temperature | |
| | Salmonidae | | Effect on fish | |
| | <i>Oncorhynchus kisutch</i> | 807086 | Oryziatidae | |
| | Ovary | | <i>Oryzias latipes</i> | 803549 |
| | Centrarchidae | | Radioactivity | |
| | <i>Lepomis macrochirus</i> | 806889 | Effect on fish | |
| | Estrogens | | Oryziatidae | |
| | Heteropneustidae | | <i>Oryzias latipes</i> | 803549 |
| | <i>Heteropneustes fossilis</i> | 806703 | Lethal environmental limits | |
| | Gynogenesis | | Poeciliidae | |
| | Pleuronectidae | | <i>Gambusia affinis</i> | 805386 |
| | <i>Platichthys flesus</i> | 806457 | Lethal environmental limits | |
| | <i>Pleuronectes platessa</i> | 806457 | Experimental analysis | |
| | Salmonidae | | Salmonidae | |
| | <i>Salmo trutta</i> | 806457 | <i>Oncorhynchus tshawytscha</i> | 806617 |
| | Fecundity | | <i>Salmo gairdneri</i> | 803633 |
| | Poeciliidae | | Egg | |
| | <i>Poecilia reticulata</i> | 805255 | Salmonidae | |
| | Testis | | <i>Oncorhynchus tshawytscha</i> | 806617 |
| | Centrarchidae | | Radioactivity | |
| | <i>Lepomis macrochirus</i> | 806889 | Oryziatidae | |
| | Heteropneustidae | | <i>Oryzias latipes</i> | 803549 |
| | <i>Heteropneustes fossilis</i> | 805448 | Reproduction | |
| | Spermatogenesis | | Effect on fish | |
| | Oryziatidae | | Poeciliidae | |
| | <i>Oryzias latipes</i> | 804149 | <i>Gambusia affinis</i> | 803550 |
| | | 804353 | Cysteamine | |
| | | 808990 | Temperature | |
| | Androgens | | Lethal environmental limits | |
| | Heteropneustidae | | Oryziatidae | |
| | <i>Heteropneustes fossilis</i> | 806703 | <i>Oryzias latipes</i> | 808878 |
| | Hermaphroditic gonads | | Iodine | |
| | Oryziatidae | | Effect on fish | |
| | <i>Oryzias latipes</i> | 807580 | Salmonidae | |
| | Egg | | <i>Oncorhynchus tshawytscha</i> | 807784 |
| | Pleuronectidae | | <i>Salmo gairdneri</i> | 805387 |
| | <i>Platichthys flesus</i> | 806457 | | 807784 |
| | <i>Pleuronectes platessa</i> | 806457 | Ruthenium | |
| | Salmonidae | | Experimental analysis | |
| | <i>Salmo trutta</i> | 806457 | Gobiidae | |
| | Sperm | | <i>Acanthogobius flavimanus</i> | 806589 |
| | Pleuronectidae | | Mutagenic agents | |
| | <i>Platichthys flesus</i> | 806457 | Effect on fish | |
| | Developing egg | | Developing egg | |
| | Oryziatidae | | Salmonidae | |
| | <i>Oryzias latipes</i> | 808877 | <i>Coregonus peled</i> | 805394 |
| | Organogenesis | | <i>Salmo gairdneri</i> | 805394 |
| | Oryziatidae | | Water movement | |
| | <i>Oryzias latipes</i> | 807580 | Description and occurrence | |
| | Sex reversal | | Teleostei | |
| | Poeciliidae | | | 805092 |
| | <i>Xiphophorus maculatus</i> | 809087 | | 805476 |
| | | | | 806132 |
| | | | | 807226 |

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| Gasterosteidae | | Lotic waters | | Environmental factors (continued) |
| <i>Calaca inconstans</i> | 805878 | Teleostei | 807434 | |
| <i>Gasterosteus aculeatus</i> | 807275 | Distribution within habitat | | |
| Labridae | | Percidae | | |
| <i>Pimelometopon pulchrum</i> | 807226 | <i>Perca flavescens</i> | 807561 | |
| Centrarchidae | | <i>Stizostedion vitreum</i> | 807561 | |
| <i>Ambloplites rupestris</i> | 805878 | Salmonidae | | |
| <i>Micropterus dolomieu</i> | 805878 | <i>Salmo trutta</i> | 807798 | |
| Embiotocidae | | Availability and use of food | | |
| <i>Brachystius frenatus</i> | 807226 | Teleostei | 806023 | |
| Percidae | | Spatial orientation | | |
| <i>Perca fluviatilis</i> | 806133 | Pleuronectidae | | |
| Serranidae | | <i>Pleuronectes platessa</i> | 805864 | |
| <i>Paralabrax clathratus</i> | 807226 | Congridae | | |
| Scombridae | | <i>Gorgasia sillneri</i> | 804854 | |
| <i>Thunnus</i> | 806738 | <i>Taenioconger hassi</i> | 804854 | |
| <i>Thunnus alalunga</i> | 807189 | Swimming | | |
| Bothidae | | Pleuronectidae | | |
| <i>Paralichthys albigutta</i> | 806653 | <i>Pleuronectes platessa</i> | 805864 | |
| <i>Paralichthys dentatus</i> | 806653 | Feeding | | |
| <i>Paralichthys lethostigma</i> | 806653 | Salmonidae | | |
| Pleuronectidae | | <i>Oncorhynchus kisutch</i> | 806024 | |
| <i>Parophrys vetulus</i> | 805942 | Habitat preference | | |
| Cottidae | | Acanthuridae | | |
| <i>Cottus bairdi</i> | 805878 | <i>Acanthurus triostegus</i> | 804921 | |
| <i>Cottus gobio</i> | 806133 | Territoriality | | |
| Catostomidae | | Cyprinodontidae | | |
| <i>Catostomus commersoni</i> | 805878 | <i>Cyprinodon elegans</i> | 804947 | |
| Cobitidae | | Schooling | | |
| <i>Noemacheilus barbatulus</i> | 806133 | Teleostei | 804995 | |
| Cyprinidae | | Home range and homing | | |
| 8 | 806133 | Serranidae | | |
| Ictaluridae | | <i>Morone chrysops</i> | 807479 | |
| <i>Ictalurus nebulosus</i> | 805878 | Salmonidae | | |
| Gadidae | | <i>Oncorhynchus nerka</i> | 806993 | |
| <i>Gadus macrocephalus</i> | 807153 | Migrations | | |
| <i>Lota lota</i> | 806133 | Salmonidae | 805964 | |
| <i>Theragra chalcogramma</i> | 807153 | Mating | | |
| Esocidae | | Cyprinodontidae | | |
| <i>Esox lucius</i> | 806133 | <i>Cyprinodon elegans</i> | 804947 | |
| Umbriidae | | Egg laying | | |
| <i>Umbra limi</i> | 805878 | Salmonidae | | |
| Salmonidae | | <i>Salvelinus fontinalis</i> | 807836 | |
| <i>Oncorhynchus gorbuscha</i> | 806644 | Productivity | | |
| <i>Oncorhynchus keta</i> | 806644 | Salmonidae | | |
| <i>Oncorhynchus nerka</i> | 807990 | <i>Salvelinus fontinalis</i> | 806972 | |
| <i>Oncorhynchus tshawytscha</i> | 804926 | Sound reception | | |
| <i>Oncorhynchus tshawytscha</i> | 807275 | Description and occurrence | | |
| <i>Salmo gairdneri</i> | 806025 | Salmonidae | | |
| <i>Salmo gairdneri</i> | 806170 | <i>Salmo clarki</i> | 807865 | |
| <i>Salmo trutta</i> | 806019 | Seasonal abundance | | |
| <i>Salvelinus fontinalis</i> | 806025 | Teleostei | 809100 | |
| <i>Salvelinus fontinalis</i> | 807775 | Floods | | |
| <i>Salvelinus fontinalis</i> | 807775 | Effect on fish | | |
| <i>Salvelinus malma</i> | 805878 | Availability and use of food | | |
| Effect on fish | 806034 | Salmonidae | | |
| Cottidae | 807775 | <i>Salvelinus fontinalis</i> | 807801 | |
| <i>Cottus gobio</i> | 807275 | Standing crop | | |
| <i>Cottus poecilopus</i> | 805199 | Salmonidae | | |
| Intertidal zone | 805199 | <i>Salvelinus fontinalis</i> | 807801 | |
| Teleostei | 806057 | Tides | | |
| Distribution within habitat | | Description and occurrence | | |
| Percidae | | Intertidal zone | | |
| <i>Perca flavescens</i> | 807561 | Teleostei | 806057 | |
| <i>Stizostedion vitreum</i> | 807561 | Effect on fish | | |
| Nest construction | | Pleuronectiformes | 804972 | |
| Salmonidae | | Pleuronectiformes | | |
| <i>Oncorhynchus gorbuscha</i> | 808913 | Salmonidae | 804972 | |
| <i>Oncorhynchus keta</i> | 808913 | <i>Salvelinus namaycush</i> | 804675 | |
| Effect on fish | | Gas secretion and absorption | | |
| Cyprinidae | | Salmonidae | | |
| <i>Notropis stramineus</i> | 807832 | <i>Coregonus acronius</i> | 805093 | |
| Suckers | | <i>Coregonus lavaretus</i> | 805093 | |
| Gobiidae | | Hemodynamics | | |
| <i>Gobius paganellus</i> | 806368 | Cyprinidae | | |
| Cyprinodontidae | | <i>Cyprinus carpio</i> | 805248 | |
| <i>Cyclopterus lumpus</i> | 806368 | Developing egg | | |
| <i>Liparis montagi</i> | 806368 | Cyprinidae | | |
| Gobiesociformes | | <i>Brachydanio rerio</i> | 809045 | |
| <i>Apletodon microcephalus</i> | 806368 | Larva | | |
| Developing egg | | Teleostei | 809081 | |
| Salmonidae | | Change with age | | |
| <i>Salvelinus fontinalis</i> | 807836 | Cyprinidae | | |
| Fry | | <i>Brachydanio rerio</i> | 809045 | |
| Salmonidae | | Behavior | | |
| <i>Oncorhynchus kisutch</i> | 806024 | Belontiidae | | |
| Bathyal zone | | <i>Macropodus opercularis</i> | 807737 | |
| Macrouridae | 806006 | Cichlidae | | |
| Ophidiidae | 806006 | <i>Cichlasoma biocellatum</i> | 807737 | |
| Bathypteroidae | 806006 | | | |

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|--------------------------------------|--------------------------------|--------|------------------------------------|--------|
| Environmental factors (continued) | Percidae | | Clupeidae | |
| | <i>Gymnocephalus cernua</i> | 807737 | <i>Alosa kessleri</i> | 807712 |
| | <i>Perca fluviatilis</i> | 807737 | <i>Clupea harengus</i> | 805319 |
| Salinity | Callichthyidae | | <i>Clupeonella delicatula</i> | 808064 |
| | <i>Corydoras paleatus</i> | 807737 | <i>Sardina pilchardus</i> | 807122 |
| | Esocidae | | | 807078 |
| | <i>Esox lucius</i> | 807737 | | 808198 |
| | Tidal rhythms | | | 808303 |
| | Blenniidae | | <i>Sardinella aurata</i> | 805925 |
| | <i>Blennius pholis</i> | 806621 | <i>Sardinella eba</i> | 805925 |
| | Hydrostatics | | <i>Sardinella longiceps</i> | 808573 |
| | Carangidae | | Engraulidae | |
| | <i>Trachurus mediterraneus</i> | 807979 | <i>Engraulis ringens</i> | 808164 |
| | Trigidae | | | 808381 |
| | <i>Trigla lucerna</i> | 807979 | | 808384 |
| | Atherinidae | | | 808387 |
| | <i>Atherina mochon</i> | 807979 | Anguillidae | |
| | Clupeidae | | <i>Anguilla anguilla</i> | 808300 |
| | <i>Sprattus sprattus</i> | 807979 | <i>Anguilla obscura</i> | 807244 |
| | Gadidae | | <i>Anguilla rostrata</i> | 807382 |
| | <i>Merlangius merlangus</i> | 807979 | | 807430 |
| Out of water | | | Muraenidae | |
| Lethal environmental limits | | | <i>Gymnothorax nigromarginatus</i> | 808400 |
| Gobiidae | | | Megalopidae | |
| <i>Periophthalmus sobrinus</i> | 803797 | | <i>Megalops atlantica</i> | 806978 |
| Salinity | | | | 807295 |
| Description and occurrence | | | | 808813 |
| | 805092 | | Cobitidae | |
| Myximomorphs | | | <i>Cobitis aurata</i> | 807239 |
| <i>Myxine glutinosa</i> | 805094 | | <i>Noemacheilus barbatulus</i> | 807239 |
| Elaeobranchii | 808982 | | Cyprinidae | 807239 |
| Dasyatidae | | | <i>Pelteus cultratus</i> | 807712 |
| <i>Dasyatis margarita</i> | 808020 | | Gadidae | |
| <i>Urogymnus africanus</i> | 808020 | | <i>Gadus macrocephalus</i> | 807153 |
| Teleostei | 805205 | | <i>Pollachius virens</i> | 807074 |
| | 805655 | | <i>Theragra chalcogramma</i> | 807153 |
| | 807091 | | Ogcocephalidae | |
| | 808020 | | <i>Dibranchius atlanticus</i> | 807130 |
| | 808310 | | Harpagontidae | |
| | 808351 | | <i>Harpodon nehereus</i> | 806064 |
| | 808475 | | Salmonidae | |
| | 808982 | | <i>Oncorhynchus</i> | 804892 |
| Gasterosteidae | 807430 | | <i>Oncorhynchus keta</i> | 806646 |
| <i>Gasterosteus aculeatus</i> | 807362 | | <i>Oncorhynchus nerka</i> | 804926 |
| 807543 | | | Intertidal zone | |
| Syngnathidae | | | Teleostei | 806057 |
| <i>Syngnathus scovelli</i> | 807017 | | Acclimation | |
| Gobiidae | 807322 | | Cyprinodontidae | |
| <i>Eletotris fusca</i> | 807244 | | <i>Cyprinodon variegatus</i> | 804643 |
| Mugiloidi | 808300 | | <i>Fundulus heteroclitus</i> | 804643 |
| <i>Mugil cephalus</i> | 809044 | | Poeciliidae | |
| Carangidae | | | <i>Poecilia reticulata</i> | 803890 |
| <i>Seriola quinqueradiata</i> | 806314 | | Description and occurrence | |
| <i>Trachinotus carolinus</i> | 807837 | | Syngnathidae | |
| <i>Trachinotus falcatus</i> | 807837 | | <i>Syngnathus</i> | 808294 |
| Cichlidae | | | Pholididae | |
| <i>Tilapia mossambica</i> | 807244 | | <i>Apodichthys</i> | 808294 |
| <i>Tilapia nilotica</i> | 808300 | | <i>Pholis</i> | 808294 |
| <i>Tilapia zillii</i> | 808300 | | Stichaeidae | |
| Percidae | | | <i>Xiphister atropurpureus</i> | 808294 |
| <i>Percarina demidoffi</i> | 807712 | | Gobiidae | |
| Sciaenidae | | | <i>Garmannia chiquita</i> | 808294 |
| <i>Cynoscion virescens</i> | 807029 | | <i>Quietula ycauda</i> | 808294 |
| <i>Pseudotolithus senegalensis</i> | 808648 | | Mugiloidi | |
| Sparidae | | | <i>Mugil cephalus</i> | 808294 |
| <i>Lagodon rhomboides</i> | 806244 | | Embiotocidae | |
| <i>Sargus annularis</i> | 808351 | | <i>Cymatogaster aggregata</i> | 808294 |
| Polynemoidi | 804280 | | Gerreidae | |
| Scombridae | 808351 | | <i>Eucinostomus</i> | 808294 |
| <i>Euthynnus pelamis</i> | 808282 | | Pomacentridae | |
| | 808364 | | <i>Abudefduf troscheli</i> | 808294 |
| <i>Thunnus alalunga</i> | 808364 | | Bothidae | |
| <i>Thunnus albacares</i> | 808282 | | <i>Citharichthys</i> | 808294 |
| Trichiuridae | | | Pleuronectidae | |
| <i>Benthodesmus tenuis</i> | 808141 | | <i>Platichthys stellatus</i> | 808294 |
| <i>Lepidopus caudatus</i> | 808141 | | Cottidae | |
| <i>Trichiurus lepturus</i> | 808141 | | <i>Leptocottus armatus</i> | 808294 |
| Xiphiidae | | | <i>Oligocottus maculosus</i> | 808294 |
| <i>Xiphias gladius</i> | 807919 | | Tetraodontidae | |
| Bothidae | | | <i>Sphoeroides annulatus</i> | 808294 |
| <i>Paralichthys albigutta</i> | 806653 | | Batrachoidiformes | |
| <i>Paralichthys dentatus</i> | 806653 | | <i>Porichthys</i> | 808294 |
| <i>Paralichthys lethostigma</i> | 806653 | | Gobioidae | |
| Pleuronectidae | 807153 | | <i>Gobiosoma</i> | 808294 |
| Soledidae | | | <i>Tomicodon humeralis</i> | 808294 |
| <i>Solea solea</i> | 808300 | | ATP ase content and function | |
| <i>Trinectes maculatus</i> | 806872 | | Cyprinodontidae | |
| Atherinidae | | | <i>Fundulus heteroclitus</i> | 807038 |
| <i>Atherina mochon</i> | 808300 | | Neuroendocrine system | |
| Cyprinodontidae | | | Anguillidae | |
| <i>Fundulus heteroclitus</i> | 807430 | | <i>Anguilla anguilla</i> | 804537 |
| <i>Fundulus luciae</i> | 806869 | | | |
| <i>Fundulus similis</i> | 803947 | | | |

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| Neurosecretion in brain | | Scorpaenidae | | Environmental factors |
| Anguillidae | | <i>Sebastes inermis</i> | 806314 | (continued) |
| <i>Anguilla anguilla</i> | 804404 | Cyprinodontidae | 804536 | |
| <i>Anguilla japonica</i> | 804404 | <i>Aphanius dispar</i> | 805059 | |
| Pars intermedia | | Goodeidae | | Salinity |
| Anguillidae | | <i>Xenotoca eiseni</i> | 804536 | |
| <i>Anguilla anguilla</i> | 804404 | Poeciliidae | 804536 | |
| <i>Anguilla japonica</i> | 804404 | Anguillidae | | |
| Gills | | <i>Anguilla anguilla</i> | 804905 | |
| Pleuronectidae | | Batrachoidiformes | | |
| <i>Platichthys flesus</i> | 808775 | <i>Opsanus tau</i> | 803998 | |
| <i>Platichthys stellatus</i> | 806076 | Salmonidae | | |
| Cottidae | | <i>Salmo gairdneri</i> | 804582 | |
| <i>Leptocottus armatus</i> | 806076 | | 809024 | |
| Salmonidae | | Water ingestion | | |
| <i>Oncorhynchus tshawytscha</i> | 806076 | Gobiidae | | |
| Biochemical blood constituents | | <i>Periophthalmus vulgaris</i> | 804124 | |
| Cyprinodontidae | | Theraponidae | | |
| <i>Fundulus heteroclitus</i> | 807037 | <i>Pelates</i> | 804124 | |
| Kidney | | Cottidae | | |
| Cyprinodontidae | | <i>Cottus morio</i> | 806630 | |
| <i>Fundulus heteroclitus</i> | 807038 | <i>Myoxocephalus scorpius</i> | 806630 | |
| Juvenile | | <i>Taurulus bubalis</i> | 806630 | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus nerka</i> | 808376 | <i>Salmo gairdneri</i> | 804582 | |
| Change with age | | Permeability | | |
| Salmonidae | | Gasterosteidae | | |
| <i>Oncorhynchus nerka</i> | 808376 | <i>Gasterosteus aculeatus</i> | 804191 | |
| Lethal environmental limits | | Serranidae | | |
| Cyprinodontidae | | <i>Scranus cabrilla</i> | 805215 | |
| <i>Fundulus parvipinnis</i> | 808714 | <i>Scranus scriba</i> | 805215 | |
| Body compartments | | Pleuronectidae | | |
| Mineral content | | <i>Platichthys flesus</i> | 804191 | |
| Salmonidae | | | 805215 | |
| <i>Salmo gairdneri</i> | 809063 | Anguillidae | | |
| Effect on fish | | <i>Anguilla anguilla</i> | 804191 | |
| Teleostei | 806465 | | 805215 | |
| Gasterosteidae | | Cyprinidae | | |
| <i>Gasterosteus aculeatus</i> | 804759 | <i>Carassius auratus</i> | 805215 | |
| Pleuronectiformes | 804972 | Salmonidae | | |
| Description and occurrence | | <i>Salmo trutta</i> | 804191 | |
| Cichlidae | | Pigment cells | | |
| <i>Tilapia zillii</i> | 805055 | Oryziatidae | | |
| Cyprinodontidae | | <i>Oryzias latipes</i> | 805530 | |
| <i>Cyprinodon</i> | 806913 | Mucus glands | | |
| Acclimation | | Gasterosteidae | | |
| Poeciliidae | | <i>Gasterosteus aculeatus</i> | 804751 | |
| <i>Poecilia reticulata</i> | 805373 | Characidae | | |
| Clupeidae | | <i>Astyanax jordani</i> | 804405 | |
| <i>Clupea harengus</i> | 804985 | Rays and spines | | |
| Oxygen consumption | | Belontiidae | | |
| Cichlidae | | <i>Trichogaster leerii</i> | 805840 | |
| <i>Tilapia mossambica</i> | 803877 | Saccus vasculosus | | |
| | 804397 | Gobiidae | | |
| <i>Tilapia nilotica</i> | 807526 | <i>Gobius paganellus</i> | 806298 | |
| Salmonidae | | Pit organs | | |
| <i>Salmo gairdneri</i> | 806271 | Orectolobidae | | |
| Water content | | <i>Ginglymostoma cirratum</i> | 808758 | |
| Embiotocidae | | Neuroendocrine system | | |
| <i>Ditrema temminckii</i> | 806314 | Anguillidae | | |
| Pomadasysidae | | <i>Anguilla anguilla</i> | 806298 | |
| <i>Parapristipoma trilineatum</i> | 806314 | Neurosecretion in brain | | |
| Sparidae | | Anguillidae | | |
| <i>Mylio macrocephalus</i> | 806314 | <i>Anguilla anguilla</i> | 804404 | |
| Tetraodontidae | | <i>Anguilla japonica</i> | 804404 | |
| <i>Fugu niphobles</i> | 806314 | Nucleus lateralis tubercis | | |
| Cyprinidae | | Mugiloidae | | |
| <i>Cyprinus carpio</i> | 806314 | <i>Mugil capito</i> | 806112 | |
| Lipid and fatty acid content | | <i>Mugil cephalus</i> | 806112 | |
| Cichlidae | | Neurohypophysis | | |
| <i>Tilapia zillii</i> | 805055 | Acipenseromorphs | | |
| Oxidative metabolism | | <i>Acipenser gueldenstaedti</i> | 804603 | |
| Cyprinidae | | | 806402 | |
| <i>Carassius auratus</i> | 805242 | Adenohypophysis | | |
| <i>Cyprinus carpio</i> | 805242 | Mugiloidae | | |
| <i>Tinca tinca</i> | 805242 | <i>Mugil capito</i> | 805025 | |
| Nitrogen metabolism | | <i>Mugil cephalus</i> | 805025 | |
| Elasmobranchii | 809067 | Cyprinodontidae | | |
| Teleostei | 809067 | <i>Fundulus heteroclitus</i> | 806296 | |
| Ion and water relationships | | <i>Fundulus kansae</i> | 806296 | |
| Teleostei | | Anguillidae | | |
| Gasterosteidae | 809064 | <i>Anguilla anguilla</i> | 806296 | |
| <i>Gasterosteus aculeatus</i> | 804754 | Salmonidae | | |
| Labridae | | <i>Oncorhynchus keta</i> | 804119 | |
| <i>Crenilabrus</i> | 804720 | <i>Salmo gairdneri</i> | 804119 | |
| Cichlidae | | Pars intermedia | | |
| <i>Tilapia nilotica</i> | 807526 | Anguillidae | | |
| Boiidae | | <i>Anguilla anguilla</i> | 804404 | |
| <i>Paralichthys lethostigma</i> | 809064 | <i>Anguilla japonica</i> | 804404 | |
| Cottidae | | Corticotroph | | |
| <i>Cottus morio</i> | 806630 | Gobiidae | | |
| <i>Myoxocephalus scorpius</i> | 806630 | <i>Gobius paganellus</i> | 806298 | |
| <i>Taurulus bubalis</i> | 806630 | | | |

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| Environmental factors (continued) | Gonadotroph | | Sparidae | |
| | Mugiloidae | | <i>Mylio macrocephalus</i> | 806314 |
| | <i>Mugil capito</i> | 806112 | Tetraodontidae | |
| Salinity | <i>Mugil cephalus</i> | 806112 | <i>Fugu niphobles</i> | 806314 |
| | Growth hormone cell | | Anguillidae | |
| | Gobiidae | | <i>Anguilla japonica</i> | 807302 |
| | <i>Gobius paganellus</i> | 806298 | Cyprinidae | |
| | Pars anterior | | <i>Cyprinus carpio</i> | 806314 |
| | Mugiloidae | | Salmonidae | 806404 |
| | <i>Mugil capito</i> | 806112 | Kidney | |
| | <i>Mugil cephalus</i> | 806112 | Teleostei | 809064 |
| | Prolactin cell | | Embiotocidae | |
| | Gobiidae | | <i>Cymatogaster aggregata</i> | 807196 |
| | <i>Gobius paganellus</i> | 806298 | Salmonidae | 806404 |
| | Mugiloidae | | Glomerulus | |
| | <i>Liza auratus</i> | 806285 | Poeciliidae | |
| | <i>Mugil cephalus</i> | 805154 | <i>Poecilia reticulata</i> | 805373 |
| | Poeciliidae | | Agglomerular kidney | |
| | <i>Poecilia latipinna</i> | 805341 | Batrachoidiformes | |
| | | 806284 | <i>Opsanus tau</i> | 804611 |
| | Anguillidae | | | 804612 |
| | <i>Anguilla anguilla</i> | 806285 | Juxtaglomerular apparatus | |
| | | 806298 | Anguillidae | |
| | Characidae | | <i>Anguilla anguilla</i> | 805390 |
| | <i>Astyanax jordani</i> | 804405 | Urine | |
| | Salmonidae | | Cyprinodontidae | |
| | <i>Oncorhynchus</i> | 806285 | <i>Fundulus heteroclitus</i> | 804724 |
| | <i>Salmo gairdneri</i> | 806285 | Salmonidae | |
| | <i>Salmo salar</i> | 806285 | <i>Salmo gairdneri</i> | 809024 |
| | Prolactin | | Ovary | |
| | Mugiloidae | | Mugiloidae | |
| | <i>Mugil cephalus</i> | 805154 | <i>Mugil cephalus</i> | 805026 |
| | Thyroid | | Ovarian cycles | |
| | Acipenseromorpha | | Mugiloidae | |
| | <i>Acipenser gueldenstaedti</i> | 804603 | <i>Mugil capito</i> | 805024 |
| | | 804602 | <i>Mugil cephalus</i> | 805168 |
| | Cichlidae | | | 805024 |
| | <i>Tilapia nilotica</i> | 806358 | | 805168 |
| | Adrenal cortex | | General embryology | |
| | Gobiidae | | Teleostei | 809066 |
| | <i>Gobius paganellus</i> | 806298 | Egg | |
| | Cyprinodontidae | | Salmonidae | |
| | <i>Fundulus heteroclitus</i> | 806296 | <i>Oncorhynchus keta</i> | 804657 |
| | <i>Fundulus kansae</i> | 806296 | Developing egg | |
| | Anguillidae | | Petromyzontomorpha | |
| | <i>Anguilla anguilla</i> | 806296 | <i>Petromyzon marinus</i> | 807587 |
| | | 806298 | Gasterosteidae | |
| | Cortisol | | <i>Gasterosteus aculeatus</i> | 807543 |
| | Anguillidae | | Pleuronectidae | |
| | <i>Anguilla japonica</i> | 807302 | <i>Eopsetta jordani</i> | 808867 |
| | Corpuceles of Stannius | | Hippoglossoides classodon | 808867 |
| | Anguillidae | | <i>Platichthys flesus</i> | 807322 |
| | <i>Anguilla anguilla</i> | 806298 | Engraulidae | |
| | Megalopidae | | <i>Engraulis encrasicolus</i> | 807322 |
| | <i>Megalops atlantica</i> | 807576 | Larva | |
| | Gills | | Bienniidae | 807322 |
| | Gasterosteidae | | Fry | |
| | <i>Gasterosteus aculeatus</i> | 804751 | Cyprinidae | 808596 |
| | | 804754 | Salmonidae | |
| | Cichlidae | | <i>Oncorhynchus keta</i> | 804657 |
| | <i>Etroplus maculatus</i> | 804161 | <i>Salmo salar</i> | 805144 |
| | Serranidae | | Young | |
| | <i>Serranus cabrilla</i> | 805215 | Salmonidae | |
| | <i>Serranus scriba</i> | 805215 | <i>Oncorhynchus tshawytscha</i> | 803966 |
| | <i>Serranus</i> | 804001 | Juvenile | |
| | Pleuronectidae | | Salmonidae | |
| | <i>Platichthys</i> | 804001 | <i>Salmo salar</i> | 805143 |
| | <i>Platichthys flesus</i> | 805215 | Rate of growth | |
| | Anguillidae | | Cyprinidae | 808596 |
| | <i>Anguilla anguilla</i> | 804001 | Salmonidae | |
| | | 804794 | <i>Salmo salar</i> | 805143 |
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| | Cyprinidae | | | 807925 |
| | <i>Carassius</i> | 804001 | Energy conversion efficiency | |
| | <i>Carassius auratus</i> | 805215 | Salmonidae | |
| | Chloride cells | | <i>Salmo salar</i> | 807925 |
| | Petromyzontomorpha | 809065 | Carbon dioxide | |
| | Teleostei | 809065 | Cyprinidae | |
| | Poeciliidae | | <i>Carassius auratus</i> | 805242 |
| | <i>Gambusia affinis</i> | 804380 | <i>Cyprinus carpio</i> | 805242 |
| | Salmonidae | | <i>Tinca tinca</i> | 805242 |
| | <i>Oncorhynchus keta</i> | 804119 | Lethal environmental limits | |
| | <i>Salmo gairdneri</i> | 804119 | Gasterosteidae | |
| | Gas bladder | | <i>Gasterosteus aculeatus</i> | 807543 |
| | Cichlidae | | Cichlidae | |
| | <i>Tilapia zilli</i> | 805055 | <i>Tilapia mossambica</i> | 807595 |
| | Arterial system | | Characidae | |
| | Embiotocidae | | <i>Astyanax jordani</i> | 804405 |
| | <i>Cymatogaster aggregata</i> | 807196 | Salmonidae | 809065 |
| | Biochemical blood constituents | | <i>Oncorhynchus keta</i> | 804657 |
| | Embiotocidae | | Hydrostatics | |
| | <i>Ditrema temminckii</i> | 806314 | Bienniidae | 807322 |
| | Pomadasyidae | | Pleuronectidae | |
| | <i>Parapristipoma trilineatum</i> | 806314 | <i>Platichthys flesus</i> | 807322 |

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| <i>Engraulis encrasicolus</i> | 807322 | | Effect on fish | | (continued) |
| Swimming speed | | | Salmonidae | | |
| Sciaenidae | | | <i>Salmo salar</i> | 803794 | |
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| <i>Micropogon undulatus</i> | 804666 | | Fry | | |
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| <i>Cyprinodon</i> | 806913 | | Gasterosteidae | | |
| Poisons liberated into water | | | <i>Gasterosteus aculeatus</i> | 803806 | |
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| <i>Tilapia mossambica</i> | 807595 | | <i>Pomatoschistus microps</i> | 806837 | |
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| <i>Oncorhynchus</i> | 804692 | | <i>Tilapia mossambica</i> | 805436 | |
| <i>Oncorhynchus kisutch</i> | 807476 | | <i>Tilapia nilotica</i> | 805436 | |
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| <i>Tilapia mossambica</i> | 806116 | | Cyprinidae | | |
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| <i>Xiphophorus maculatus X</i> | | | Acipenseromorpha | 803898 | |
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| Meristics | | | Reproduction | | |
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| Ion and water relationships | | | Effect on fish | | |
| Experimental analysis | | | Brain | | |
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| Effect on fish | | | <i>Euthynnus pelamis</i> | 806745 | |
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| <i>Pholis gunnellus</i> | 803796 | | <i>Thunnus obesus</i> | 806745 | |
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| <i>Salmo salar</i> | 803794 | | Ovary | | |
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| Urophys | | | <i>Brevoortia patronus</i> | 807016 | |
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| <i>Gasterosteus aculeatus</i> | 803818 | | <i>Brevoortia patronus</i> | 807016 | |
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| <i>Anguilla anguilla</i> | 804031 | | Gasterosteidae | | |
| Acclimation | | | <i>Gasterosteus aculeatus</i> | 805961 | |
| Pleuronectidae | | | Gobiidae | 806678 | |
| <i>Platichthys flesus</i> | 804031 | | Carangidae | | |
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| <i>Salmo gairdneri</i> | 803589 | | Cottidae | | |
| Biochemical blood constituents | | | <i>Cottus gobio</i> | 805961 | |
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| <i>Anguilla anguilla</i> | 803819 | | <i>Megalops atlantica</i> | 806978 | |
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| Acclimation | | | Characidae | 806089 | |
| Anguillidae | | | Erythrinidae | 806089 | |
| <i>Anguilla anguilla</i> | 803819 | | Gasteropelecidae | 806089 | |
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| Environmental factors (continued) | Cyprinidae | 806678 | Squalidae | |
| | <i>Catla catla</i> | 805197 | <i>Squalus acanthias</i> | 808884 |
| | <i>Cirrhina mrigala</i> | 805197 | Labyrinth | |
| | <i>Ctenopharyngodon idella</i> | 808440 | Blood and lymph | |
| | <i>Cyprinus carpio</i> | 806814 | Pleuronectidae | |
| | <i>Labeo rohita</i> | 805197 | <i>Hippoglossoides dubius</i> | 808476 |
| | <i>Phoxinus phoxinus</i> | 805961 | <i>Reinhardtius matsuurai</i> | 808476 |
| | Apterontidae | 806089 | Cottidae | |
| | Callichthyidae | 806089 | <i>Myoxocephalus stelleri</i> | 808476 |
| | Cetopsidae | 806089 | Gadidae | |
| | Loricariidae | 806089 | <i>Gadus macrocephalus</i> | 808476 |
| | Pimelodontidae | 806089 | <i>Theragra chalcogramma</i> | 808476 |
| | Trichomycteridae | 806089 | Lethal environmental limits | |
| | Salmonidae | | Cyprinidae | |
| | <i>Salmo salar</i> | 805961 | <i>Ctenopharyngodon idella</i> | 807005 |
| | <i>Salmo trutta</i> | 805961 | Habitat destruction | |
| Acclimation | | | Description and occurrence | |
| Locomotion | | | Teleostei | 803989 |
| Salmonidae | | | Water hardness | |
| <i>Salmo salar</i> | 806255 | | Effect on fish | |
| Breathing | | | Salmonidae | |
| Salmonidae | | | <i>Salmo gairdneri</i> | 806974 |
| <i>Salmo salar</i> | 806255 | | Inorganics in water | |
| Effect on fish | | | Gasterosteidae | |
| Semionotomorpha | | | <i>Gasterosteus aculeatus</i> | 805961 |
| <i>Lepisosteus</i> | 808170 | | Cottidae | |
| Centrarchidae | | | <i>Cottus gobio</i> | 805961 |
| <i>Lepomis macrochirus</i> | 808170 | | Cyprinidae | |
| Percidae | | | <i>Phoxinus phoxinus</i> | 805961 |
| <i>Etheostoma spectabile</i> | 808170 | | Salmonidae | |
| Cyprinodontidae | | | <i>Salmo salar</i> | 805961 |
| <i>Fundulus kansae</i> | 808170 | | <i>Salmo trutta</i> | 805961 |
| Poeciliidae | | | Description and occurrence | |
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| Cyprinidae | 808170 | | Acipenseromorpha | 808464 |
| Ictaluridae | | | Teleostei | 805231 |
| <i>Ictalurus natalis</i> | 808170 | | 806129 | |
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| <i>Lepomis macrochirus</i> | 806373 | | 808464 | |
| Percidae | | | 808996 | |
| <i>Perca flavescens</i> | 806373 | | Cichlidae | 806089 |
| Catostomidae | | | <i>Tilapia aurea</i> X | |
| <i>Catostomus commersoni</i> | 806373 | | <i>Tilapia nilotica</i> X | 805973 |
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| <i>Tinca tinca</i> | 805822 | | Cyprinodontidae | 806089 |
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| Salmonidae | | | Characidae | 806089 |
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| Salmonidae | | | Gasteropeclecidae | 806089 |
| <i>Oncorhynchus gorbuscha</i> | 808767 | | Catostomidae | 808486 |
| Developing egg | | | <i>Chasmistes cujus</i> | 808138 |
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| | 808605 | | Pimelodontidae | 806089 |
| Homeostatic mechanisms | | | | |
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| <i>Silurus glanis</i> | 805232 | <i>Salmo trutta</i> | 806033 | (continued) |
| Trichomycteridae | 806089 | Effect on fish | | |
| Salmonidae | | Salmonidae | | |
| <i>Coregonus</i> | 806650 | <i>Salmo gairdneri</i> | 806974 | |
| <i>Oncorhynchus gorbuscha</i> | 806643 | Calcium sulfate | | |
| | 806644 | Effect on fish | | |
| <i>Oncorhynchus keta</i> | 806644 | Lethal environmental limits | | |
| | 806646 | Ictaluridae | | |
| <i>Oncorhynchus nerka</i> | 808376 | <i>Ictalurus punctatus</i> | 806818 | |
| | 808659 | Distribution and occurrence | | |
| <i>Salmo clarki</i> | 808138 | Semionotomorpha | 806165 | |
| <i>Salmo gairdneri</i> | 807308 | Centrarchidae | | |
| <i>Salmo salar</i> | 805975 | <i>Pomoxis annularis</i> | 806165 | |
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| Salmonidae | | <i>Aplodinotus grunniens</i> | 806165 | |
| <i>Salmo gairdneri</i> | 808506 | Serranidae | | |
| Effect on fish | | <i>Morone chrysops</i> | 806165 | |
| Description and occurrence | 806128 | Clupeidae | | |
| Acclimation | | <i>Dorosoma cepedianum</i> | 806165 | |
| Salmonidae | | Catostomidae | | |
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| <i>Anguilla anguilla</i> | 804404 | <i>Pygidictis olivaris</i> | 806165 | |
| <i>Anguilla japonica</i> | 804404 | Fluoride | | |
| Nose | | Effect on fish | | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus kisutch</i> | 807477 | <i>Salmo gairdneri</i> | 806974 | |
| <i>Oncorhynchus tshawytscha</i> | 807477 | Hydrogen sulfide | | |
| Pars intermedia | | Effect on fish | | |
| Anguillidae | | Teleostei | 806465 | |
| <i>Anguilla anguilla</i> | 804404 | Iodine | | |
| <i>Anguilla japonica</i> | 804404 | Oligotrophic lakes | | |
| Adrenal cortex | | Salmonidae | | |
| Poeciliidae | | <i>Salmo gairdneri</i> | 805387 | |
| <i>Poecilia reticulata</i> | 809035 | Phosphorus | | |
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| Poeciliidae | | Strontium | | |
| <i>Poecilia reticulata</i> | 809035 | Effect on fish | | |
| Gills | | Mineral content | | |
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| <i>Platichthys flesus</i> | 808775 | <i>Salmo gairdneri</i> | 808853 | |
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| <i>Petromyzon marinus</i> | 807587 | <i>Salmo gairdneri</i> | 808853 | |
| Salinity | | Sulfide | | |
| Salmonidae | | Fish kill | | |
| <i>Oncorhynchus kisutch</i> | 806087 | Teleostei | 806160 | |
| Lethal environmental limits | | Organics in water | | |
| Cyprinidae | | Description and occurrence | | |
| <i>Pimephales promelas</i> | 807504 | Dasyatidae | 805231 | |
| Migrations | | Teleostei | 805231 | |
| Salmonidae | | Percidae | | |
| <i>Oncorhynchus kisutch</i> | 807477 | <i>Perca flavescens</i> | 805985 | |
| <i>Oncorhynchus tshawytscha</i> | 807477 | Serranidae | | |
| Diseases of fishes | | <i>Morone americana</i> | 805985 | |
| Salmonidae | | Cyprinodontidae | | |
| <i>Salvelinus fontinalis</i> | 808522 | <i>Epiplatys bifasciatus</i> | 808275 | |
| Heavy metal pollutants | | <i>Fundulus diaphanus</i> | 805985 | |
| Cyprinidae | | Clupeidae | | |
| <i>Pimephales promelas</i> | 807504 | <i>Alosa aestivalis</i> | 805985 | |
| Pondfish productivity | | <i>Alosa pseudoharengus</i> | 805985 | |
| Esocidae | | Anguillidae | | |
| <i>Esox lucius</i> | 809038 | <i>Anguilla rostrata</i> | 805985 | |
| Artificial incubation | | Catostomidae | 808486 | |
| Salmonidae | | Effect on fish | | |
| <i>Salvelinus fontinalis</i> | 808522 | Nose | | |
| Carbon dioxide transport | | Salmonidae | | |
| Effect on fish | | <i>Oncorhynchus kisutch</i> | 807477 | |
| Cyprinidae | | <i>Oncorhynchus tshawytscha</i> | 807477 | |
| <i>Carassius auratus</i> | 804067 | Migrations | | |
| Reservoirs | | Salmonidae | | |
| Standing crop | 806164 | <i>Oncorhynchus kisutch</i> | 807477 | |
| Subterranean waters | | <i>Oncorhynchus tshawytscha</i> | 807477 | |
| Description and occurrence | | Reservoirs | | |
| Amblyopsidae | 808771 | Standing crop | 806164 | |
| Habitat preference | | Productivity | | |
| Description and occurrence | | Description and occurrence | | |
| Cyprinodontidae | | Teleostei | 806160 | |
| <i>Cyprinodon</i> | 806913 | Oxygen | | |
| Anesthetics | | Description and occurrence | | |
| Lethal environmental limits | | Elasmobranchii | 808288 | |
| Salmonidae | | Acipenseromorpha | 808464 | |
| <i>Salmo gairdneri</i> | 808601 | Teleostei | 806132 | |
| Calcium | | | 807234 | |
| Description and occurrence | | | 808288 | |
| Cottidae | | | 808464 | |
| <i>Cottus gobio</i> | 806033 | | 808630 | |
| | | | 808996 | |

| Environmental factors (continued) | Gasterosteidae | | Effect on fish |
|--------------------------------------|------------------------------------|--------|--------------------------------|
| | <i>Gasterosteus aculeatus</i> | 807198 | Biochemistry |
| Oxygen | Ammodytidae | | Salmonidae |
| | <i>Ammodytes tobianus</i> | 807198 | <i>Salmo gairdneri</i> |
| | Gobiidae | | Oxygen consumption |
| | <i>Pomatoschistus minutus</i> | 807198 | Teleostei |
| | Labridae | | Channichthyidae |
| | <i>Tautoglabrus adspersus</i> | 805998 | <i>Chaeocephalus aceratus</i> |
| | Carangidae | | Cichlidae |
| | <i>Trachinotus carolinus</i> | 807837 | <i>Tilapia mossambica</i> |
| | <i>Trachinotus falcatus</i> | 807837 | <i>Tilapia nilotica</i> |
| | Centrarchidae | | Cyprinidae |
| | <i>Lepomis gibbosus</i> | 805990 | <i>Carassius auratus</i> |
| | Cichlidae | 806089 | Oxidative metabolism |
| | <i>Tilapia aurea X</i> | | Cobitidae |
| | <i>Tilapia nilotica X</i> | 805973 | <i>Misgurnus fossilis</i> |
| | <i>Tilapia nilotica X</i> | | ATP content and function |
| | <i>Tilapia aurea X</i> | 805973 | Cobitidae |
| | Percidae | | <i>Misgurnus fossilis</i> |
| | <i>Gymnocephalus cernua</i> | 807198 | Biomembranes |
| | <i>Perca fluviatilis</i> | 807198 | Cyprinidae |
| | Sciaenidae | | <i>Tinca tinca</i> |
| | <i>Pseudotolithus senegalensis</i> | 808648 | Surface volume relationship |
| | Serranidae | | Gobiidae |
| | <i>Dicentrarchus labrax</i> | 807198 | <i>Rhinogobius brunneus</i> |
| | Polynemoidae | 804280 | Lateral line |
| | Cottidae | | Salmonidae |
| | <i>Cottus gobio</i> | 804053 | <i>Salmo gairdneri</i> |
| | <i>Cottus poecilopus</i> | 804053 | Neurosecretion in brain |
| | Clupeidae | | Cyprinidae |
| | <i>Clupea harengus</i> | 805319 | <i>Barbus barbus</i> |
| | | 808064 | <i>Barbus meridionalis</i> |
| | <i>Sprattus sprattus</i> | 805325 | <i>Chondrostoma nasus</i> |
| | | 807198 | <i>Leuciscus cephalus</i> |
| | Anguillidae | | Corticotroph |
| | <i>Anguilla anguilla</i> | 807198 | Cyprinidae |
| | Characidae | 806089 | <i>Barbus barbus</i> |
| | Erythrinidae | 806089 | <i>Barbus meridionalis</i> |
| | Gasteropelecidae | 806089 | <i>Chondrostoma nasus</i> |
| | Catostomidae | 808486 | <i>Leuciscus cephalus</i> |
| | Cyprinidae | 807198 | Gills |
| | | 807239 | Gobiidae |
| | | 808630 | <i>Rhinogobius brunneus</i> |
| | | 808632 | Aerial respiration |
| | <i>Catla catla</i> | 805197 | Dipnoi |
| | 808615 | | <i>Protopterus aethiopicus</i> |
| | <i>Cirrhinia mrigala</i> | 805197 | Pantodontidae |
| | | 808615 | <i>Pantodon buchholzi</i> |
| | <i>Labeo gonius</i> | 806180 | Pseudobranch |
| | <i>Labeo rohita</i> | 805197 | Cyprinidae |
| | | 808615 | <i>Tinca tinca</i> |
| | <i>Scardinius erythrophthalmus</i> | 808354 | Salmonidae |
| | Callichthyidae | 806089 | <i>Salmo gairdneri</i> |
| | Pimelodontidae | 806089 | Heart |
| | Siluridae | | Salmonidae |
| | <i>Silurus glanis</i> | 805232 | <i>Salmo gairdneri</i> |
| | Gadidae | | Hemoglobin |
| | <i>Gadus morhua</i> | 805281 | Sparidae |
| | <i>Trisopterus luscus</i> | 807198 | <i>Lagodon rhomboides</i> |
| | Zoaridae | | Gas transport by blood |
| | <i>Macrozoarces americanus</i> | 805998 | Ictaluridae |
| | Chaniidae | | <i>Ictalurus nebulosus</i> |
| | <i>Chanos chanos</i> | 808204 | Urine |
| | Esocidae | | Squalidae |
| | <i>Esox lucius</i> | 807198 | <i>Squalus acanthias</i> |
| | Myxophoridae | | Salmonidae |
| | <i>Lamppanyctus mexicanus</i> | 804276 | <i>Salmo gairdneri</i> |
| | Osmeridae | | Developing egg |
| | <i>Osmerus eperlanus</i> | 807198 | Cyprinidae |
| | Salmonidae | 805990 | Esocidae |
| | | 808486 | <i>Esox lucius</i> |
| | <i>Coregonus artedii</i> | 805726 | Salmonidae |
| | <i>Oncorhynchus gorbuscha</i> | 806644 | <i>Oncorhynchus kisutch</i> |
| | <i>Oncorhynchus keta</i> | 806644 | Cleavage and epiboly |
| | | 806646 | Cobitidae |
| | <i>Oncorhynchus kisutch</i> | 806037 | <i>Misgurnus fossilis</i> |
| | <i>Oncorhynchus nerka</i> | 808376 | Embryo physiology |
| | | 808659 | Cobitidae |
| | <i>Oncorhynchus tshawytscha</i> | 806170 | <i>Misgurnus fossilis</i> |
| | | 808656 | Cyprinidae |
| | <i>Salmo clarki</i> | 806037 | Esocidae |
| | Lethal environmental limits | | <i>Esox lucius</i> |
| | Teleostei | 809069 | Hatching glands |
| | Seasonal changes | | Cobitidae |
| | Esocidae | | <i>Misgurnus fossilis</i> |
| | <i>Esox lucius</i> | 807870 | Cyprinidae |
| | Salmonidae | | <i>Vimba vimba</i> |
| | <i>Salmo gairdneri</i> | 808506 | Larva |
| | Nest construction | | Salmonidae |
| | Salmonidae | | <i>Oncorhynchus</i> |
| | <i>Oncorhynchus gorbuscha</i> | 808913 | Fry |
| | <i>Oncorhynchus keta</i> | 808913 | Salmonidae |
| | | | <i>Thymallus arcticus</i> |
| | | | 807278 |

| | | | | |
|------------------------------------|--------|--------------------------------|--------|-----------------------|
| Rate of growth | | Percidae | | Environmental factors |
| Esocidae | | <i>Stizostedion vitreum</i> | 806165 | (continued) |
| <i>Esox lucius</i> | 809038 | Sciaenidae | | |
| Salmonidae | | <i>Aplodinotus grunniens</i> | 806165 | |
| <i>Salvelinus fontinalis</i> | 807505 | Serranidae | | |
| <i>Thymallus arcticus</i> | 807278 | <i>Morone chrysops</i> | 806165 | |
| Energy conversion efficiency | | Clupeidae | | |
| Esocidae | | <i>Dorosoma cepedianum</i> | 806165 | |
| <i>Esox lucius</i> | 809038 | Catostomidae | | |
| Temperature | | <i>Carpiodes carpio</i> | 806165 | |
| Centrarchidae | | <i>Ictiobus bubalus</i> | 806165 | |
| <i>Lepomis macrochirus</i> | 803970 | Ictaluridae | | |
| Hydrogen ion concentration | | <i>Ictalurus melas</i> | 806165 | |
| Squalidae | | <i>Ictalurus punctatus</i> | 806165 | |
| <i>Squalus acanthias</i> | 808884 | <i>Pygidictis olivaris</i> | 806165 | |
| Lethal environmental limits | | Carbon dioxide | | |
| Scorpaenidae | | Description and occurrence | | |
| <i>Sebastes miniatus</i> | 808759 | Teleostei | 807234 | |
| Esocidae | | Cyprinidae | | |
| <i>Esox lucius</i> | 807758 | <i>Catla catla</i> | 805197 | |
| Activity patterns | | <i>Cyrrhina mrigala</i> | 805197 | |
| Salmonidae | | <i>Labeo rohita</i> | 805197 | |
| <i>Oncorhynchus</i> | | Salmonidae | | |
| Orientation with light source | | <i>Oncorhynchus gorbuscha</i> | 806644 | |
| Clupeidae | | <i>Oncorhynchus keta</i> | 806644 | |
| <i>Clupea harengus</i> | 808662 | Seasonal changes | | |
| Swimming speed | | Salmonidae | | |
| Percidae | | <i>Salmo gairdneri</i> | 808506 | |
| <i>Perca flavescens</i> | 805821 | Acclimation | | |
| Breathing | | Locomotion | | |
| Dipnoi | | Salmonidae | | |
| <i>Protopterus aethiopicus</i> | 807318 | <i>Salmo salar</i> | 806255 | |
| Pantodontidae | | Breathing | | |
| <i>Pantodon buchholzi</i> | 804940 | Salmonidae | | |
| Salmonidae | | <i>Salmo salar</i> | 806255 | |
| <i>Salmo salar</i> | 806255 | Effect on fish | | |
| <i>Salmo trutta</i> | 806255 | Acclimation | | |
| Habitat preference | | Salmonidae | | |
| Acanthuridae | | <i>Salmo gairdneri</i> | 805982 | |
| <i>Acanthurus triostegus</i> | 804921 | Cerebrospinal fluid | | |
| Avoidance responses | | Squalidae | | |
| Salmonidae | | <i>Squalus acanthias</i> | 806792 | |
| <i>Salvelinus fontinalis</i> | 806982 | Gills | | |
| Dominance social hierarchy | | Squalidae | | |
| Salmonidae | | <i>Squalus acanthias</i> | 806809 | |
| <i>Oncorhynchus kisutch</i> | 807342 | Aerial respiration | | |
| Eutrophic lakes | | Dipnoi | | |
| Description and occurrence | 804952 | <i>Protopterus aethiopicus</i> | 807318 | |
| Lethal environmental limits | 803768 | Hemodynamics | | |
| Percidae | | Squalidae | | |
| <i>Perca schrenki</i> | 807221 | <i>Squalus acanthias</i> | 806805 | |
| Cyprinidae | | Gas transport by blood | | |
| <i>Ctenopharyngodon idella</i> | 807005 | Anguillidae | | |
| <i>Cyprinus carpio</i> | 807221 | <i>Anguilla rostrata</i> | 805209 | |
| Experimental analysis | | Salmonidae | | |
| Percidae | | <i>Salmo gairdneri</i> | 805982 | |
| <i>Stizostedion vitreum</i> | 807559 | Hydrogen ion concentration | | |
| Description and occurrence | | Squalidae | | |
| Scombridae | | <i>Squalus acanthias</i> | 806809 | |
| <i>Euthynnus pelamis</i> | 808282 | Breathing | | |
| <i>Thunnus albacares</i> | 808282 | Dipnoi | | |
| Seasonal changes | | <i>Protopterus aethiopicus</i> | 807318 | |
| Description and occurrence | | Nitrogen | | |
| Anostomidae | | Description and occurrence | | |
| <i>Leporinus fasciatus</i> | 807949 | Gas bubble disease | | |
| Characidae | 807949 | Salmonidae | 808660 | |
| Erythrinidae | | Ammonia | | |
| <i>Hoplerythrinus unifasciatus</i> | 807949 | Effect on fish | | |
| Lebiasinidae | | Salmonidae | 807961 | |
| <i>Nannostomus anomalus</i> | 807949 | Instrumental conditioning | | |
| <i>Poecilibrycon unifasciatus</i> | 807949 | Kyphosidae | | |
| Callichthyidae | | <i>Microcanthus strigatus</i> | 805669 | |
| <i>Corydoras aeneus</i> | 807949 | Gas transport by blood | | |
| <i>Corydoras juli</i> | 807949 | Experimental analysis | | |
| Loricariidae | | Percidae | | |
| <i>Farlowella</i> | 807949 | <i>Perca fluviatilis</i> | 803858 | |
| Habitat preference | | Cyprinidae | | |
| Trapping | | <i>Cyprinus carpio</i> | 803858 | |
| Esocidae | | <i>Tinca tinca</i> | 803858 | |
| Naive responses to stimuli | | Temperature | | |
| Experimental analysis | | Effect on fish | | |
| Anguillidae | | Cyprinidae | | |
| <i>Anguilla rostrata</i> | 803840 | <i>Carassius auratus</i> | 803722 | |
| Artificial rearing environments | | Ictaluridae | | |
| Description and occurrence | | <i>Ictalurus punctatus</i> | 803722 | |
| Teleostei | 808629 | Salmonidae | | |
| Distribution and occurrence | | <i>Salmo gairdneri</i> | 803722 | |
| Semionotomorpha | 806165 | Lethal environmental limits | | |
| Centrarchidae | | Experimental analysis | | |
| <i>Pomoxis annularis</i> | 806165 | Salmonidae | | |
| Cichlidae | 808975 | <i>Salmo gairdneri</i> | 805955 | |

| Environmental factors Silt (continued) | | Mugiloididae | |
|-------------------------------------------|---------------------------------------|---------------------------------------|--------|
| Description and occurrence | Acipenseromorpha | <i>Parapericichthys colias</i> | 807237 |
| | Teleostei | Bothidae | 806740 |
| Teleostei | Cichlidae | Scorpaenidae | |
| | Anostomidae | <i>Rubralga cardinalis</i> | 807237 |
| Characidae | Erythrinidae | Triglidae | 806740 |
| | Gasteropelecidae | Balistidae | |
| Apterodontidae | Callichthyidae | <i>Allomonacanthus convexirostris</i> | 807237 |
| | Cetopsidae | Zeidae | |
| Loricariidae | Pinelodontidae | <i>Zeus australis</i> | 807237 |
| | Siluridae | <i>Leptocephalus verreauxi</i> | 807237 |
| <i>Silurus glanis</i> | Trichomycteridae | Gadidae | |
| | Salmonidae | <i>Lotella rhacina</i> | 807237 |
| <i>Oncorhynchus gorbuscha</i> | | <i>Physiculus bachus</i> | 807237 |
| | <i>Oncorhynchus keta</i> | Gobiocichthys | 807237 |
| <i>Oncorhynchus kisutch</i> | <i>Salmo clarki</i> | Salmonidae | |
| | | <i>Oncorhynchus gorbuscha</i> | 806022 |
| Effect on fish | Activity patterns | <i>Oncorhynchus keta</i> | 806022 |
| | Centrarchidae | <i>Salmo gairdneri</i> | 807959 |
| Dominance social hierarchy | <i>Micropterus salmoides</i> | <i>Salmo salar</i> | 805976 |
| | <i>Lepomis cyanellus</i> | <i>Salmo trutta</i> | 805976 |
| Spawning channels | | <i>Salvelinus fontinalis</i> | 807959 |
| | Description and occurrence | <i>Stenodus leucichthys</i> | 806034 |
| Salmonidae | | Nest construction | 806835 |
| | <i>Oncorhynchus tshawytscha</i> | Salmonidae | |
| Distribution and occurrence | <i>Oncorhynchus gorbuscha</i> | <i>Oncorhynchus gorbuscha</i> | 808913 |
| | <i>Oncorhynchus keta</i> | <i>Oncorhynchus keta</i> | 808913 |
| Semionotomorpha | Centrarchidae | Effect on fish | |
| | <i>Pomoxis annularis</i> | Description and occurrence | |
| Percidae | <i>Stizostedion vitreum</i> | Salmonidae | |
| | Sciaenidae | <i>Oncorhynchus nerka</i> | 807260 |
| Aplodinotus grunniens | Serranidae | Egg | |
| | <i>Morone chrysops</i> | Salmonidae | |
| Clupeidae | <i>Dorosoma cepedianum</i> | <i>Oncorhynchus nerka</i> | 807260 |
| | Catostomidae | Developing egg | |
| Carpododes carpio | <i>Ictalurus nebulosus</i> | Salmonidae | |
| | <i>Ictalurus punctatus</i> | <i>Oncorhynchus gorbuscha</i> | 807729 |
| Pylodictis olivaris | | <i>Oncorhynchus keta</i> | 807729 |
| | | Larva | |
| Substratum | Teleostei | Salmonidae | |
| | Description and occurrence | <i>Oncorhynchus kisutch</i> | 806021 |
| Elasmobranchii | Carcharhinidae | <i>Oncorhynchus nerka</i> | 807260 |
| | Teleostei | Feeding | |
| Trachichthyidae | | Gadidae | |
| | <i>Hoplostethus elongatus</i> | <i>Gadus morhua</i> | 807373 |
| Blennidae | Gobiidae | Gut contents | |
| | <i>Gobius</i> | Sparidae | |
| Labridae | Acanthocephalidae | <i>Chrysophrys auratus</i> | 806043 |
| | <i>Acanthocephalus quadridactylus</i> | Habitat preference | |
| Aplodactylidae | <i>Cheilodactylus spectabilis</i> | Acanthuridae | |
| | <i>Dactylosargus arctidens</i> | <i>Acanthurus triostegus</i> | 804921 |
| Nemadactylus douglasi | Centrarchidae | Migrations | |
| | <i>Lepomis macrochirus</i> | Salmonidae | |
| Chironomidae | <i>Chironomus fergussoni</i> | <i>Oncorhynchus tshawytscha</i> | 806025 |
| | Kyphosidae | <i>Salmo gairdneri</i> | 806025 |
| Girella tricuspidata | <i>Girella tricuspidata</i> | Natural mortality | |
| | <i>Segutium sydneyanum</i> | Salmonidae | |
| Latridae | <i>Larriopsis ciliaris</i> | <i>Oncorhynchus gorbuscha</i> | 807729 |
| | <i>Pempheris adspersa</i> | <i>Oncorhynchus keta</i> | 807729 |
| Pentaceroideae | <i>Paristiopterus labiosus</i> | Reservoirs | |
| | <i>Pomacentridae</i> | Standing crop | 806164 |
| Pomacentridae | <i>Parma microlipsis</i> | Habitat preference | |
| | <i>Schlaenidae</i> | Description and occurrence | |
| Cynoscion virescens | <i>Cynoscion virescens</i> | Cyprinodontidae | |
| | <i>Micropterus furnieri</i> | <i>Cyprinodon</i> | 806913 |
| Serranidae | <i>Caesiopecten lepidoptera</i> | Bacteria | |
| | <i>Ellerkeldia huxi</i> | Effect on fish | |
| Sparidae | | Experimental analysis | |
| | | Anguillidae | |
| As food for fish | | <i>Anguilla japonica</i> | 806592 |
| | | Fish cultural methodology | |
| Cyprinidae | | <i>Carassius auratus</i> | 805507 |
| | | As symbiont of fish | |
| Salmonidae | | <i>Salmo salar</i> | 807341 |
| | | Luminescent organs | |
| Teleostei | | Teleostei | 809084 |
| | | As commensal | |
| Skin | | Pleuronectidae | |
| | | <i>Kareius bicoloratus</i> | 804804 |
| Gills | | Pleuronectidae | |
| | | <i>Kareius bicoloratus</i> | 804804 |
| Intestine | | Carangidae | 804805 |
| | | Coryphaenidae | |
| Coryphaenidae | | <i>Coryphaena hippurus</i> | 804805 |

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|-------------------------------------|--------|------------------------------------|--------|--------------------------------------|
| Nemipteridae | | <i>Mugil curema</i> | 808189 | Environmental factors (continued) |
| <i>Nemipterus bathybius</i> | 804805 | <i>Mugil incilis</i> | 808189 | |
| Pomadasysidae | | <i>Rhinomugil corsula</i> | 806902 | |
| <i>Parapristipoma trilineatum</i> | 804805 | Nototheniidae | | |
| Scorbridae | 804805 | <i>Notothenia gibberifrons</i> | 808011 | |
| Pleuronectidae | | Branchiostegidae | | |
| <i>Kareius bicoloratus</i> | 804804 | <i>Caulolatilus princeps</i> | 807230 | |
| Vitamin content | | Centropomidae | | |
| As commensal | | <i>Ambassis nama</i> | 806932 | |
| Cyprinidae | | Chaetodontidae | | |
| <i>Cyprinus carpio</i> | 807988 | <i>Heniochus nigrirostris</i> | 808465 | |
| Gut | | Cichlidae | | |
| As food for fish | | <i>Haplochromis</i> | 806349 | |
| Salmonidae | | <i>Hemihaplochromis multicolor</i> | 804708 | |
| <i>Oncorhynchus keta</i> | 807304 | <i>Tilapia mossambica</i> | 806934 | |
| <i>Oncorhynchus kisutch</i> | 807304 | 808350 | | |
| <i>Salmo gairdneri</i> | 807304 | <i>Tilapia shirana</i> | 803650 | |
| As commensal | | Embiotocidae | 807230 | |
| Salmonidae | | Kyphosidae | | |
| <i>Oncorhynchus keta</i> | 807304 | <i>Girella nigricans</i> | 807230 | |
| <i>Oncorhynchus kisutch</i> | 807304 | <i>Hermosilla azurea</i> | 807230 | |
| <i>Salmo gairdneri</i> | 807304 | <i>Medialuna californiensis</i> | 807230 | |
| Chitinolytic bacteria | | Lutjanidae | 806763 | |
| As commensal | | Pomacentridae | | |
| Chimaeromorpha | | <i>Abudefduf sordidus</i> | 805465 | |
| <i>Hydrolagus collei</i> | 806617 | <i>Abudefduf troscheli</i> | 808465 | |
| Squalidae | | <i>Hypsopops rubicunda</i> | 807230 | |
| <i>Squalus acanthias</i> | 806617 | <i>Pomacentrus jenkinsi</i> | 805106 | |
| Teleostei | 806617 | <i>Pomacentrus rectifraenum</i> | 808465 | |
| Cottidae | | Pomadasysidae | | |
| <i>Leptocottus armatus</i> | 806617 | <i>Anisotremus davidsoni</i> | 807230 | |
| Endotoxin | | Sciaenidae | | |
| Effect on fish | | <i>Cheilotrema saturnum</i> | 807230 | |
| Salmonidae | | <i>Pseudosciaena coibor</i> | 808586 | |
| <i>Oncorhynchus kisutch</i> | 807345 | Serranidae | | |
| <i>Salmo gairdneri</i> | 807345 | <i>Paralabrax clathratus</i> | 807229 | |
| Algae | | <i>Paralabrax nebulifer</i> | 807230 | |
| Description and occurrence | | Sparidae | | |
| Teleostei | 807188 | <i>Lagodon rhomboides</i> | 808663 | |
| | 808996 | Cottidae | | |
| Syngnathidae | 807237 | <i>Cottus beldingi</i> | 808721 | |
| Blenniidae | 807237 | <i>Scorpaenichthys marmoratus</i> | 807230 | |
| Labridae | 807237 | Hexagrammidae | | |
| Odocidae | | <i>Ophiodon elongatus</i> | 807230 | |
| <i>Coregonoides vittatus</i> | 807237 | <i>Oxylebius pictus</i> | 807230 | |
| <i>Coridodax pullus</i> | 807237 | Scorpaenidae | 807230 | |
| Aplodactylidae | | Atherinidae | | |
| <i>Cheilodactylus spectabilis</i> | 807237 | <i>Atherinops affinis</i> | 807230 | |
| <i>Dactylosargus arcuatus</i> | 807237 | Clupeidae | | |
| Kyprinidae | | <i>Hilsa ilisha</i> | 809007 | |
| <i>Girella tricuspidata</i> | 807237 | <i>Sardinella longiceps</i> | 808595 | |
| Latridae | | Engraulidae | | |
| <i>Latridopsis ciliaris</i> | 807237 | <i>Engraulis japonicus</i> | 806761 | |
| Mugiloididae | | <i>Engraulis ringens</i> | 804334 | |
| <i>Parapercichthys colias</i> | 807237 | | 808386 | |
| Balistidae | | | 809008 | |
| <i>Allomonacanthus convirostris</i> | 807237 | Elopidae | | |
| Diodontidae | | <i>Elops saurus</i> | 808190 | |
| <i>Allomyceterus whitleyi</i> | 807237 | Characidae | | |
| Effect on fish | | <i>Alestes dageti</i> | 805053 | |
| Habitat preference | | <i>Micralestes acutidens</i> | 805053 | |
| Acanthuridae | | Catostomidae | | |
| <i>Acanthurus triostegus</i> | 804921 | <i>Catostomus platyrhynchus</i> | 807795 | |
| As food for fish | | Cobitidae | | |
| Acipenseromorpha | | <i>Botia lohachacta</i> | 806932 | |
| <i>Acipenser ruthenus</i> | 808444 | Cyprinidae | 804897 | |
| Teleostei | 805465 | | 807333 | |
| Holocentridae | 806763 | <i>Barbus conchoniis</i> | 808933 | |
| Acanthuridae | 805679 | <i>Barbus kolus</i> | 808571 | |
| <i>Acanthurus</i> | 805465 | <i>Barbus sophore</i> | 806932 | |
| Siganidae | | <i>Blicca bjoerkna</i> | 804076 | |
| <i>Siganus fuscescens</i> | 805205 | <i>Catla catla</i> | 808593 | |
| Anabantidae | | <i>Cirrhina mrigala</i> | 806966 | |
| <i>Ctenopoma muriei</i> | 804708 | | 808593 | |
| Belontiidae | | <i>Cyprinus carpio</i> | 806484 | |
| <i>Colisa fasciata</i> | 806932 | <i>Gila elegans</i> | 807794 | |
| Blenniidae | 805656 | <i>Gila robusta</i> | 807794 | |
| Chaenopsidae | | <i>Gobio gobio</i> | 804077 | |
| <i>Acanthemblemaria macrospilus</i> | 808465 | <i>Laboe bata</i> | 805907 | |
| Clinidae | 807230 | <i>Laboe calbasu</i> | 808593 | |
| Gobiidae | 806634 | <i>Laboe capensis</i> | 806121 | |
| <i>Boleophthalmus boddarti</i> | 809057 | <i>Laboe rohita</i> | 808593 | |
| <i>Boleophthalmus dussumieri</i> | 805722 | <i>Laboe umbratus</i> | 806121 | |
| <i>Chasmichthys dolichognathus</i> | 806228 | <i>Leucaspis delinatus</i> | 805690 | |
| <i>Chasmichthys gulosus</i> | 806228 | <i>Leuciscus cephalus</i> | 808460 | |
| <i>Scartelaos viridis</i> | 809057 | <i>Oxygaster bacaila</i> | 806901 | |
| Labridae | | <i>Phoxinus erythrogaster</i> | 804435 | |
| <i>Halichoeres semicinctus</i> | 807230 | <i>Rutilus rutilus</i> | 806484 | |
| <i>Oxyjulis californica</i> | 807230 | <i>Scardinius erythrophthalmus</i> | 808354 | |
| <i>Pimelometopon pulchrum</i> | 807230 | Ictaluridae | | |
| <i>Thalassoma lucasanum</i> | 808465 | <i>Ictalurus furcatus</i> | 808514 | |
| Mugiloidae | | <i>Ictalurus punctatus</i> | 808514 | |
| <i>Mugil brasiliensis</i> | 808189 | | | |

| Environmental factors (continued) | | | Vascular plants | |
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| | Siluridae | | Description and occurrence | |
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| | Experimental analysis | | | 806132 |
| | Centrarchidae | | | 807193 |
| | <i>Lepomis macrochirus</i> | 804071 | | 808630 |
| | Cyprinidae | | | 805605 |
| | <i>Cirrhina mrigala</i> | 806725 | Channiformes | |
| | <i>Hypophthalmichthys molitrix</i> | 807653 | Gasterosteidae | |
| | Larva | | <i>Culaea inconstans</i> | 805878 |
| | Petromyzontomorpha | | Syngnathidae | |
| | <i>Ichthyomyzon bdellium</i> | 809030 | <i>Syngnathus scovelli</i> | 807017 |
| | Clupeidae | | Mastacembelidae | |
| | <i>Sardinia pilchardus</i> | 804529 | <i>Mastacembelus armatus</i> | 805605 |
| | Young | | Centrarchidae | |
| | Clupeidae | | <i>Ambloplites rupestris</i> | 805878 |
| | <i>Dorosoma petenense</i> | 808466 | <i>Micropterus dolomieu</i> | 805878 |
| | Change with age | | Centropomidae | |
| | Cyprinidae | | <i>Ambassis nama</i> | 805605 |
| | <i>Hypophthalmichthys molitrix</i> | 807653 | Cottidae | |
| | Coral reef | | <i>Cottus bairdi</i> | 805878 |
| | Teleostei | 805066 | Atherinidae | |
| | Attachment to fish | | <i>Menidia extensa</i> | 807835 |
| | As commensal | | Belontiidae | |
| | Scorpaenidae | | <i>Xenentodon cancula</i> | 805605 |
| | <i>Taenianotus triacanthus</i> | 807950 | Characidae | 806129 |
| | Seaweeds | | Catostomidae | |
| | Description and occurrence | | <i>Catostomus commersoni</i> | 805878 |
| | Stichaeidae | | Cobitidae | 805605 |
| | <i>Stichaeus punctatus</i> | 807428 | Cyprinidae | 805605 |
| | Effect on fish | | | 805878 |
| | Habitat preference | | | 808630 |
| | Teleostei | 807226 | | 808984 |
| | | 807227 | Bagridae | 805605 |
| | | 807228 | Heteropneustidae | |
| | | 807231 | <i>Heteropneustes fossilis</i> | 805605 |
| | Syngnathidae | | Ictaluridae | |
| | <i>Syngnathus californiensis</i> | 807227 | <i>Ictalurus nebulosus</i> | 805878 |
| | Blenniidae | | Siluridae | |
| | <i>Hypsoblennius gentilis</i> | 807227 | <i>Ompok bimaculatus</i> | 805605 |
| | Cliniidae | 807227 | <i>Wallagonia attu</i> | 805605 |
| | Pholididae | | Notopteridae | |
| | <i>Ulvicola sanctaerosae</i> | 807227 | <i>Notopterus notopterus</i> | 805605 |
| | Stichaeidae | | Umbridae | |
| | <i>Xiphister atropurpureus</i> | 807227 | <i>Umbra limi</i> | 805878 |
| | <i>Xiphister mucosus</i> | 807227 | Salmonidae | |
| | Labridae | | <i>Salmo gairdneri</i> | 808798 |
| | <i>Oxyjulis californica</i> | 807227 | <i>Salmo salar</i> | 805976 |
| | | 807228 | <i>Salmo trutta</i> | 805976 |
| | <i>Pimelometopon pulchrum</i> | 807226 | <i>Salvelinus fontinalis</i> | 805878 |
| | | 807227 | Effect on fish | |
| | | 807228 | Teleostei | 808415 |
| | Embiotocidae | 807227 | As food for fish | |
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| | | 807226 | <i>Siganus fuscescens</i> | 805205 |
| | <i>Embiotoca jacksoni</i> | 807228 | Mugiloidae | |
| | Kyphosidae | | <i>Rhinomugil corsula</i> | 808579 |
| | <i>Girella nigricans</i> | 807227 | Centropomidae | |
| | | 807228 | <i>Lates calcarifer</i> | 808579 |
| | <i>Medialuna californiensis</i> | 807227 | Cichlidae | |
| | | 807228 | <i>Tilapia melanopleura</i> | 805198 |
| | Pomacentridae | | <i>Tilapia mossambica</i> | 806934 |
| | <i>Chromis punctipinnis</i> | 807227 | Sciaenidae | |
| | 807228 | | <i>Pseudosciaena coibor</i> | 808586 |
| | <i>Hypsypops rubicunda</i> | 807227 | Sparidae | |
| | Serranidae | 807228 | <i>Lagodon rhomboides</i> | 808663 |
| | <i>Paralabrax clathratus</i> | 807228 | <i>Rhabdosargus sarba</i> | 808579 |
| | | 807226 | Megalopidae | |
| | | 807227 | <i>Megalops atlantica</i> | 808186 |
| | | 807228 | Characidae | |
| | <i>Stergolepis gigas</i> | 807227 | <i>Alestes dageti</i> | 805053 |
| | Cottidae | | <i>Alestes macrophthalmus</i> | 804392 |
| | <i>Scorpaenichthys marmoratus</i> | 807227 | Catostomidae | |
| | Cyclopteridae | | <i>Catostomus platyrhynchus</i> | 807795 |
| | <i>Liparis mucosus</i> | 807227 | Cyprinidae | 804897 |
| | Hexagrammidae | | | 807333 |
| | <i>Ophiodon elongatus</i> | 807227 | <i>Barbus holubi</i> | 806121 |
| | <i>Oxylebius pictus</i> | 807227 | <i>Cirrhina mrigala</i> | 806966 |
| | | 807228 | | 808593 |
| | Scorpaenidae | 807227 | <i>Ctenopharyngodon idella</i> | 805960 |
| | <i>Sebastes atrovirens</i> | 807228 | <i>Cyprinus carpio</i> | 806121 |
| | <i>Sebastes carnatus</i> | 807228 | <i>Labeo bata</i> | 807690 |
| | Atherinidae | | <i>Labeo calbasu</i> | 805907 |
| | <i>Atherinops affinis</i> | 807227 | <i>Labeo capensis</i> | 808593 |
| | | 807228 | <i>Labeo umbratus</i> | 806121 |
| | Muraenidae | | <i>Leuciscus cephalus</i> | 805344 |
| | <i>Gymnothorax mordax</i> | 807227 | | 808460 |
| | Gobiesociformes | | <i>Scardinius erythrophthalmus</i> | 808354 |
| | <i>Gobiesox rhessodon</i> | 807227 | Clariidae | |
| | <i>Rimicola muscaram</i> | 807227 | <i>Clarias gariepinus</i> | 806121 |
| | As food for fish | | Ictaluridae | |
| | Coral reef | | <i>Ictalurus furcatus</i> | 808514 |
| | Teleostei | 805066 | <i>Ictalurus punctatus</i> | 808514 |

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|------------------------------------|--------|------------------------------------|--------|-----------------------|
| Pangasiidae | | Blenniidae | | Environmental factors |
| <i>Pangasius pangasius</i> | 808572 | <i>Blennius sanguinolentus</i> | 805466 | (continued) |
| Notopteridae | | <i>Coryphoblennius galerita</i> | 805466 | |
| <i>Notopterus chitala</i> | 806966 | Gobiidae | | |
| Biochemistry | | <i>Gobius melanostomus</i> | 805466 | |
| Cyprinidae | | Labridae | 805466 | |
| <i>Ctenopharyngodon idella</i> | 808439 | Mugiloidae | | |
| As shelter for fish | | <i>Liza auratus</i> | 805466 | |
| Cichlidae | | <i>Mugil cephalus</i> | 805466 | |
| <i>Tilapia mossambica</i> | 804049 | <i>Mugil saliens</i> | 805466 | |
| <i>Tilapia sparrmani</i> | 804049 | Mullidae | | |
| Description and occurrence | | <i>Mullus barbatus</i> | 805466 | |
| Cichlidae | | Sciaenidae | | |
| <i>Tilapia melanopleura</i> | 806049 | <i>Sciaena umbra</i> | 805466 | |
| <i>Tilapia mossambica</i> | 806049 | Serranidae | | |
| Young | | <i>Serranus scriba</i> | 805466 | |
| Cichlidae | | Sparidae | | |
| <i>Tilapia melanopleura</i> | 806049 | <i>Diplodus annularis</i> | 805466 | |
| <i>Tilapia mossambica</i> | 806049 | Scombridae | | |
| Attachment to fish | | <i>Scomber scombrus</i> | 805466 | |
| Cyprinidae | | Pleuronectidae | | |
| <i>Notropis stramineus</i> | 806820 | <i>Platichthys flesus</i> | 805466 | |
| <i>Semotilus atromaculatus</i> | 806820 | Scophthalmidae | | |
| Protozoa | | <i>Scophthalmus maeoticus</i> | 805466 | |
| As food for fish | | Soleidae | | |
| Gobiidae | 806634 | <i>Solea lascaris</i> | 805466 | |
| Mugiloidae | | Scorpaenidae | | |
| <i>Mugil brasiliensis</i> | 808189 | <i>Scorpaena porcus</i> | 805466 | |
| <i>Mugil curema</i> | 808189 | Clupeidae | | |
| <i>Mugil incilis</i> | 808189 | <i>Alosa kessleri</i> | 805466 | |
| Engraulidae | | Engraulidae | | |
| <i>Engraulis ringens</i> | 808386 | <i>Engraulis encrasicolus</i> | 805466 | |
| Young | | Gadidae | | |
| Cyprinidae | | <i>Gaidropsarus mediterraneus</i> | 805466 | |
| <i>Hypophthalmichthys molitrix</i> | 807653 | <i>Odontogadus merlangus</i> | 805466 | |
| Distribution of infection | | Ophidiidae | | |
| Prophylactic treatment | | <i>Ophidion rochei</i> | 805466 | |
| Cyprinidae | | Incidence of infection | | |
| <i>Aristichthys nobilis</i> | 808235 | Gasterosteidae | | |
| <i>Ctenopharyngodon idella</i> | 808235 | <i>Gasterosteus aculeatus</i> | 805965 | |
| <i>Hypophthalmichthys molitrix</i> | 808235 | Serranidae | | |
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| Teleostei | 806605 | Gasterosteidae | | |
| Sarcodina | | <i>Gasterosteus aculeatus</i> | 805979 | |
| As food for fish | | Host parasite interactions | | |
| Blenniidae | 805656 | Pleuronectidae | | |
| Gobiidae | 805656 | <i>Pleuronectes platessa</i> | 805971 | |
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| <i>Sagamia genionema</i> | 805205 | Cyprinidae | | |
| Polynemoidae | | <i>Ctenopharyngodon idella</i> | 807279 | |
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| Mastigophora | | <i>Hypophthalmichthys molitrix</i> | 807279 | |
| As commensal | | Host parasite interactions | | |
| Cyclopteridae | | Intensity of infection | | |
| <i>Cyclopterus lumpus</i> | 805712 | Serranidae | | |
| As parasite | | <i>Morone saxatilis</i> | 806649 | |
| Cottidae | | Treatment for disease | | |
| <i>Cottus gobio</i> | 804123 | Teleostei | 805667 | |
| Distribution of infection | | Kyphosidae | | |
| Pleuronectidae | | <i>Girella nigricans</i> | 805667 | |
| <i>Platichthys flesus</i> | 805466 | Gasterosteidae | | |
| Scorpaenidae | | <i>Gasterosteus aculeatus</i> | 805419 | |
| <i>Scorpaena porcus</i> | 805466 | Percidae | | |
| Gadidae | | <i>Gymnocephalus cernua</i> | 805419 | |
| <i>Odontogadus merlangus</i> | 805466 | <i>Perca fluviatilis</i> | 805419 | |
| Incidence of infection | | Cyprinidae | 805419 | |
| Teleostei | 806617 | Gadidae | | |
| Zoaridae | | <i>Lota lota</i> | 805419 | |
| <i>Rhigophila dearborni</i> | 804452 | Esocidae | | |
| Parasite life history | | <i>Esox lucius</i> | 805419 | |
| Cottidae | | Salmonidae | | |
| <i>Cottus bulosus</i> | 804044 | <i>Salmo gairdneri</i> | 805419 | |
| <i>Cottus rhotheus</i> | 804044 | Parasite systematics | | |
| Host parasite interactions | 804501 | Rajidae | 806823 | |
| Cichlidae | | Teleostei | 804882 | |
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| <i>Symphysodon</i> | 805853 | <i>Gasterosteus aculeatus</i> | 804882 | |
| Ciliata | | <i>Pungitius pungitius</i> | 804882 | |
| As parasite | | Anarhichadidae | 804882 | |
| Teleostei | 805712 | Pholididae | | |
| Gasterosteidae | | <i>Pholis gunnellus</i> | 804882 | |
| <i>Gasterosteus aculeatus</i> | 804123 | Stichaeidae | | |
| <i>Pungitius pungitius</i> | 804123 | <i>Ulvaria subbifurcata</i> | 804882 | |
| Scorpaenidae | | Labridae | | |
| <i>Sebastes marinus</i> | 805712 | <i>Tautoglabrus adspersus</i> | 804882 | |
| Cyprinidae | 804123 | Cichlidae | | |
| Esocidae | | <i>Cichlasoma feneistratum</i> | 804043 | |
| <i>Esox lucius</i> | 804123 | Percidae | | |
| Distribution of infection | | <i>Stizostedion lucioperca</i> | 808919 | |
| Syngnathidae | | Stromateidae | | |
| <i>Syngnathus nigrolineatus</i> | 805466 | <i>Peprilus triacanthus</i> | 804882 | |
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| Environmental factors (continued) | Scophthalmidae | | Cyprinidae | |
| | <i>Scophthalmus aquosus</i> | 804882 | <i>Cyprinus carpio</i> | 805200 |
| | Agonidae | | Biochemistry | |
| | <i>Agonus decagonus</i> | 804882 | Cyprinidae | |
| | <i>Aspidophoroides monoptyerygius</i> | 804882 | <i>Cyprinus carpio</i> | 805200 |
| | Cottidae | 804882 | Experimental analysis | |
| | Cyclopteridae | | Cyprinidae | |
| | <i>Cyclopterus lumpus</i> | 804882 | <i>Cyprinus carpio</i> | 805201 |
| | <i>Eumicrotremus spinosus</i> | 804882 | Parasite systematics | |
| | Scorpaenidae | | Teleostei | 807385 |
| | <i>Sebastes marinus</i> | 804882 | Host specificity | |
| | Atherinidae | | Cyprinidae | |
| | <i>Austrotherina incisa</i> | 806823 | <i>Ctenopharyngodon idella</i> | 807279 |
| | Cyprinodontidae | | <i>Cyprinus carpio</i> | 807279 |
| | <i>Fundulus heteroclitus</i> | 804882 | <i>Hypophthalmichthys molitrix</i> | 807279 |
| | Clupeidae | | Host parasite interactions | |
| | <i>Clupeonella delicatula</i> | 808919 | Cottidae | |
| | Cyprinidae | 808919 | <i>Myoxocephalus octodecemspinosus</i> | 807412 |
| | Gadidae 804882 | | Cyclopteridae | |
| | Macrouridae | | <i>Liparis atlanticus</i> | 807412 |
| | <i>Macrourus berglax</i> | 804882 | Gadidae | |
| | Zoaridae | | <i>Gadus morhua</i> | 807412 |
| | <i>Lycodes reticulatus</i> | 804882 | Parasite systematics | |
| | <i>Lycodes vahl</i> | 804882 | Squalidae | |
| | <i>Macrozoarces americanus</i> | 804882 | <i>Squalus acanthias</i> | 807412 |
| | Lophiidae | | Cottidae | |
| | <i>Lophius americanus</i> | 804882 | <i>Cottus sibiricus</i> | 807254 |
| | Osmeridae | | Gadidae | 807412 |
| | <i>Mallothus villosus</i> | 804882 | Microsporidia | |
| | <i>Osmerus mordax</i> | 804882 | Parasite life history | |
| | Distribution of infection | | Ultrastructure | |
| | Teleostei | 804882 | Cichlidae | |
| | Host parasite interactions | | <i>Pterophyllum scalare</i> | 803987 |
| | Rajidae | 804882 | | 803988 |
| | Squalidae | | Parasite systematics | |
| | <i>Squalus acanthias</i> | 804882 | Siluridae | |
| | Teleostei | 804882 | <i>Silurus glanis</i> | 805915 |
| | Clupeidae | | Myxosporidia | |
| | <i>Alosa pseudoharengus</i> | 804882 | Incidence of infection | |
| | <i>Clupea harengus</i> | 804882 | Channiformes | 805497 |
| | Cryptocarian | | <i>Channa punctatus</i> | 806714 |
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| | Teleostei | 806070 | <i>Glossogobius giuris</i> | 805497 |
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| As parasite | | | <i>Mastacembelus aculeatus</i> | 805497 |
| Gadidae | | | <i>Mastacembelus armatus</i> | 805497 |
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| Distribution of infection | | | <i>Etioplos maculatus</i> | 805497 |
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| Engraulidae | | | <i>Clarias batrachus</i> | 805497 |
| <i>Engraulis encrasicolus</i> | 805466 | | Notopteridae | |
| Prophylactic treatment | | | <i>Notopterus notopterus</i> | 805497 |
| Cyprinidae | | | <i>Notopterus osmani</i> | 805497 |
| <i>Aristichthys nobilis</i> | 808235 | | Parasite life history | |
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| Nottheniididae | 804452 | | Sparidae | |
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| Bothidae | | | <i>Leporinus</i> | 804807 |
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| Pleuronectidae | | | Gobiidae | |
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| <i>Liopsetta putnami</i> | 807412 | | <i>Evermannichthys metzelaari</i> | 805402 |
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| Cyprinidae | | | Blenniidae | 805656 |
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| Parasite life history | | | <i>Labrisomus xanti</i> | 808465 |
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| <i>Chaetodipterus faber</i> | 807872 | <i>Pomatomus saltatrix</i> | 805473 | |
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| <i>Pomacentrus rectifraenum</i> | 808465 | <i>Boops boops</i> | 805473 | |
| Pomadasysidae | | <i>Pagrosomus</i> | 805537 | |
| <i>Anisotremus interruptus</i> | 808465 | <i>Pagrus pagrus</i> | 805473 | |
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| <i>Amphiprion sebae</i> | 805784 | <i>Silurus glanis</i> | 809002 | |
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| <i>Dascyllus trimaculatus</i> | 806830 | <i>Sauridab</i> | 805537 | |
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| <i>Anchoa mitchilli</i> | 807872 | Cyprinidae | | |
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| Incidence of infection | | <i>Polypterus senegalus</i> | 804080 | |
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| <i>Argentina silus</i> | 803588 | <i>Gasterosteus aculeatus</i> | 807495 | |
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| Cyprinidae | | <i>Lepomis</i> | 805611 | |
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| Intensity of infection | | <i>Etroplus suratensis</i> | 806758 | |
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| | Salmonidae | | <i>Cyprinus carpio</i> | 808701 |
| | <i>Thymallus arcticus</i> | 806450 | Gadidae | |
| Monogenea | Change with age | | <i>Urophycis regius</i> | 804362 |
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| | <i>Gasterosteus aculeatus</i> | 805979 | <i>Salmo trutta</i> | 804944 |
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| | Gadidae | | Gasterosteidae | |
| | <i>Merlangius merlangus</i> | 804959 | <i>Gasterosteus aculeatus</i> | 804123 |
| | Salmonidae | | <i>Pungitius pungitius</i> | 804123 |
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| | Intensity of infection | | <i>Perca fluviatilis</i> | 804123 |
| | Carangidae | | Cyprinidae | 804123 |
| | <i>Trachurus trachurus</i> | 805468 | Esocidae | |
| | Percidae | | <i>Esox lucius</i> | 804123 |
| | <i>Perca fluviatilis</i> | 803827 | Salmonidae | 804123 |
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| | Scorpaenidae | 807495 | Cyprinidae | |
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| | <i>Gasterosteus aculeatus</i> | 804094 | <i>Chrysophrys auratus</i> | 806428 |
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| | Cyprinidae | | <i>Silurus glanis</i> | 808206 |
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| | Bagridae | | Cyprinidae | |
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| <i>Wallagonia attu</i> | 804719 | | | | |
| Digenea | | | | | |
| As parasite | | | | | |
| Cyprinidae | | | | | |
| <i>Rhinichthys atratulus</i> | 806272 | | | | |
| Salmonidae | | | | | |
| <i>Prosopium coulteri</i> | 804294 | | | | |
| <i>Prosopium williamsoni</i> | 804294 | | | | |
| Seasonal changes | | | | | |
| Incidence of infection | | | | | |
| Cyprinidae | | | | | |
| <i>Vimba vimba</i> | 807046 | | | | |
| Intensity of infection | | | | | |
| Cyprinidae | | | | | |
| <i>Vimba vimba</i> | 807046 | | | | |
| Distribution of infection | | | | | |
| Chimaeromorpha | | | | | |
| <i>Callorhynchus capensis</i> | 805473 | | | | |
| Acipenseromorpha | 806903 | | | | |
| Teleostei | 807077 | | | | |
| Trachipteridae | | | | | |
| <i>Trachipterus iris</i> | 805473 | | | | |
| Siganidae | | | | | |
| <i>Siganus</i> | 805537 | | | | |
| Stichaeidae | | | | | |
| <i>Cryptacanthodes maculatus</i> | 805489 | | | | |
| Aplodactylidae | | | | | |
| <i>Goniistius</i> | 805537 | | | | |
| Carangidae | | | | | |
| <i>Trachurus</i> | 805537 | | | | |
| Echeneidae | | | | | |
| <i>Echeneis naucrates</i> | 805473 | | | | |
| Mullidae | | | | | |
| <i>Pseudupeneus cyclostomus</i> | 805473 | | | | |
| Percidae | 806904 | | | | |
| Pomadasyidae | | | | | |
| <i>Otopherca aurita</i> | 805473 | | | | |
| <i>Parapristigoma</i> | 805537 | | | | |
| Pomatomidae | | | | | |
| <i>Pomatomus saltatrix</i> | 805473 | | | | |
| Sparidae | | | | | |
| <i>Boops boops</i> | 805473 | | | | |
| <i>Pagrosomus</i> | 805537 | | | | |
| <i>Pagrus pagrus</i> | 805473 | | | | |
| <i>Sparus heterodus</i> | 805473 | | | | |
| Scombridae | | | | | |
| <i>Sarda sarda</i> | 805473 | | | | |
| <i>Scomber colias</i> | 805489 | | | | |
| Trichiuridae | | | | | |
| <i>Trichiurus</i> | 805537 | | | | |
| Sphyranoidei | | | | | |
| <i>Sphyracna</i> | 805537 | | | | |
| Centrolophidae | | | | | |
| <i>Hyperoglyphe pringlei</i> | 805473 | | | | |
| Bothidae | | | | | |
| <i>Paralichthys</i> | 805537 | | | | |
| Pleuronectidae | | | | | |
| <i>Hippoglossoides platessoides</i> | 805489 | | | | |
| <i>Limanda ferruginea</i> | 805489 | | | | |
| Cottidae | | | | | |
| <i>Cottus gobio</i> | 806904 | | | | |
| Scorpaenidae | | | | | |
| <i>Scorpaeniscus</i> | 805537 | | | | |
| Triglidae | | | | | |
| <i>Peristedion cataphractum</i> | 805489 | | | | |
| <i>Trigla capensis</i> | 805473 | | | | |
| <i>Trigla cuculus</i> | 805489 | | | | |
| Tetraodontidae | 805537 | | | | |
| <i>Liosaccus cutaneus</i> | 805489 | | | | |
| Zeidae | | | | | |
| <i>Zeus</i> | 805537 | | | | |
| <i>Zeus faber</i> | 805473 | | | | |
| Exocoetidae | 805537 | | | | |
| Clupeidae | | | | | |
| <i>Sardinella aurita</i> | 805473 | | | | |
| <i>Sardinops ocellata</i> | 805473 | | | | |

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|--------------------------------------|------------------------------------|--------|-----------------------------------|--------|
| Environmental factors (continued) | Engraulidae | | <i>Pungitius pungitius</i> | 809053 |
| | <i>Engraulis japonicus</i> | 805473 | Percidae | |
| Digenea | Congridae | | <i>Perca flavescens</i> | 807394 |
| | <i>Astroconger</i> | 805537 | <i>Perca fluviatilis</i> | 806657 |
| | Cobitidae | 806904 | | 806658 |
| | Cyprinidae | 806904 | Cyprinodontidae | |
| | <i>Aristichthys nobilis</i> | 808235 | <i>Epiplatys bifasciatus</i> | 808275 |
| | <i>Ctenopharyngodon idella</i> | 808235 | Anguillidae | 809053 |
| | <i>Hypophthalmichthys molitrix</i> | 808235 | <i>Anguilla anguilla</i> | 806657 |
| | Gadidae | | | 806658 |
| | <i>Lota lota</i> | 806904 | Esocidae | |
| | Macrouridae | | <i>Esox lucius</i> | 806657 |
| | <i>Coelorthynchus fasnatus</i> | 805473 | | 806658 |
| | Merlucciidae | | Intensity of infection | |
| | <i>Merluccius merluccius</i> | 805473 | Aulorhynchidae | |
| | Lophidae | | <i>Aulorhynchus flavidus</i> | 807495 |
| | <i>Lophius piscatorius</i> | 805473 | Gasterosteidae | |
| | Esocidae | | <i>Gasterosteus aculeatus</i> | 804752 |
| | <i>Esox lucius</i> | 806904 | | 807495 |
| | Synodontidae | | Syngnathidae | |
| | <i>Sauridab</i> | 805537 | <i>Syngnathus criscoleoneatus</i> | 807495 |
| | Salmonidae | 806904 | Ammodytidae | |
| | <i>Salmo salar</i> | 807917 | <i>Ammodytes hexapterus</i> | 807495 |
| | Incidence of infection | | Belontiidae | |
| | Rajidae | | <i>Trichogaster fasciatus</i> | 805908 |
| | <i>Raja radiata</i> | 807391 | Pholididae | |
| | Squalidae | | <i>Pholis laeta</i> | 807495 |
| | <i>Squalus acanthias</i> | 807391 | <i>Pholis ornata</i> | 807495 |
| | Polypteromorpha | | Gobiidae | |
| | <i>Polypterus bichir</i> | 804080 | <i>Coryphopterus nicholsi</i> | 807495 |
| | Teleostei | 805934 | Mugiloidae | |
| | Gasterosteidae | | <i>Mugil cephalus</i> | 807322 |
| | <i>Gasterosteus aculeatus</i> | 804760 | Carangidae | |
| | Syngnathidae | 805934 | <i>Trachurus trachurus</i> | 805468 |
| | Labridae | 805934 | Embiotocidae | 804494 |
| | Carangidae | 805934 | <i>Brachyistius frenatus</i> | 807495 |
| | <i>Trachinotus gorenzsis</i> | 803977 | <i>Cymatogaster aggregata</i> | 807495 |
| | Centrarchidae | | Nandidae | |
| | <i>Lepomis</i> | 805611 | <i>Nandus nandus</i> | 805908 |
| | Cichlidae | 804080 | Percidae | |
| | <i>Symphysodon</i> | 805853 | <i>Perca fluviatilis</i> | 803827 |
| | Lutjanidae | 805934 | | 806657 |
| | Percidae | | | 806658 |
| | <i>Stizostedion canadense</i> | 804525 | Scombridae | |
| | Pomadasysidae | 805934 | <i>Scomber colias</i> | 805472 |
| | <i>Pomadasys jubelini</i> | 803977 | Bathymasteridae | |
| | Serranidae | 805934 | <i>Ronquilus jordani</i> | 807495 |
| | Scombridae | | Bothidae | |
| | <i>Scomber japonicus</i> | 808731 | <i>Citharichthys stigmaceus</i> | 807495 |
| | Cottidae | 803547 | Pleuronectidae | |
| | <i>Cottus beldingi</i> | 808721 | <i>Lepidopsetta bilineata</i> | 807495 |
| | <i>Hemilepidotus hemilepidotus</i> | 807390 | <i>Parophrys vetulus</i> | 807495 |
| | Tetraodontidae | | <i>Platichthys stellatus</i> | 807495 |
| | <i>Tetraodon lineatus</i> | 804080 | Agonidae | |
| | Cyprinodontidae | | <i>Agonus acipenserinus</i> | 807495 |
| | <i>Fundulus kansae</i> | 807834 | Cottidae | 807495 |
| | Ophichthidae | | Hexagrammidae | 807495 |
| | <i>Ophichthus semicinctus</i> | 803977 | Scorpaenidae | 807495 |
| | Citharidae | | <i>Sebastes marmoratus</i> | 805538 |
| | <i>Citharus citharus</i> | 804080 | Clupeidae | 808932 |
| | Cyprinidae | | <i>Clupea harengus</i> | 807495 |
| | <i>Blicca bjoerkna</i> | 804076 | Engraulidae | |
| | <i>Oxygaster bacaila</i> | 804555 | <i>Engraulis encrasicolus</i> | 807765 |
| | <i>Phoxinus phoxinus</i> | 808276 | <i>Stolephorus commersoni</i> | 808932 |
| | Bagridae | | Catostomidae | |
| | <i>Myxus vitatus</i> | 804076 | <i>Catostomus clarki</i> | 804824 |
| | Clariidae | | <i>Catostomus insignis</i> | 806657 |
| | <i>Clarias batrachus</i> | 806406 | | 806658 |
| | <i>Clarias lazera</i> | 806406 | | 803827 |
| | Heteropneustidae | | | 803827 |
| | <i>Heteropneustes fossilis</i> | 807140 | <i>Abramis brama</i> | 807495 |
| | Ictaluridae | 806642 | <i>Rutilus rutilus</i> | |
| | Malapteruridae | | Batrachoidiformes | |
| | <i>Malapterurus electricus</i> | 804080 | <i>Porichthys notatus</i> | 807495 |
| | Mochokidae | 804080 | Gadidae | |
| | Sisoridae | | <i>Gadus macrocephalus</i> | 807495 |
| | <i>Erethistes conta</i> | 805355 | <i>Pollachius pollachius</i> | 805065 |
| | <i>Nangra viridescens</i> | 805355 | <i>Pollachius virens</i> | 807495 |
| | Gymnarchidae | | <i>Theragra chalcogramma</i> | |
| | <i>Gymnarchus niloticus</i> | 804080 | Merlucciidae | |
| | Salmonidae | | <i>Merluccius hubbsi</i> | 805100 |
| | <i>Thymallus arcticus</i> | 806450 | Zoaridae | |
| | Fry | | <i>Apodan corteziensis</i> | 807495 |
| | <i>Mugiloides</i> | | Esocidae | |
| | <i>Mugil cephalus</i> | 807322 | <i>Esox lucius</i> | 803827 |
| | Change with age | | | 806657 |
| | Gasterosteidae | | | 806658 |
| | <i>Gasterosteus aculeatus</i> | 805979 | Osmeridae | |
| | Carangidae | | <i>Thaleichthys pacificus</i> | 807495 |
| | <i>Trachurus mediterraneus</i> | 805467 | Salmonidae | 807893 |
| | Seasonal changes | | <i>Salmo trutta</i> | |
| | Gasterosteidae | | | |
| | <i>Gasterosteus aculeatus</i> | 805965 | | |
| | | 809053 | | |

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|--------------------------------|--------|-----------------------------------|--------|-----------------------|
| Parasite life history | | Tetraodontidae | | |
| Channiformes | | <i>Tetraodon fahaka</i> | 804080 | Environmental factors |
| <i>Channa punctatus</i> | 805568 | Atherinidae | | (continued) |
| Belontiidae | | <i>Basilichthys bonariensis</i> | 804172 | |
| <i>Trichogaster fasciatus</i> | 805908 | Clupeidae | 808932 | |
| Nandidae | | Citharinidae | | Digenea |
| <i>Nandus nandus</i> | 805908 | <i>Citharinus citharus</i> | 804080 | |
| Catostomidae | | Cyprinidae | 804080 | |
| <i>Catostomus clarki</i> | 804824 | Siluriformes | 803345 | |
| <i>Catostomus insignis</i> | 804824 | Bagridae | 804361 | |
| Cyprinidae | 807266 | Clariidae | 804080 | |
| <i>Abramis brama</i> | 804961 | <i>Clarias lazera</i> | 804080 | |
| <i>Abramis brama X</i> | | Malapteruridae | | |
| <i>Rutilus rutilus X</i> | 804961 | <i>Malapterurus electricus</i> | 804080 | |
| <i>Barbus lacerta</i> | 807267 | Mochokidae | 804080 | |
| Cyprinus | 807267 | Gymnarchidae | | |
| <i>Leuciscus cephalus</i> | 807267 | <i>Gymnarchus niloticus</i> | 804080 | |
| <i>Rutilus rutilus</i> | 804961 | Mycetophidae | | |
| <i>Rutilus rutilus X</i> | | <i>Mycetophum punctatum</i> | 805471 | |
| <i>Abramis brama X</i> | 804961 | Ultrastructure | | |
| Salmonidae | | Cyprinidae | | |
| <i>Oncorhynchus gorbuscha</i> | 807392 | <i>Phoxinus phoxinus</i> | 803986 | |
| Host specificity | | Experimental analysis | | |
| Salmonidae | | Cyprinodontidae | | |
| <i>Oncorhynchus gorbuscha</i> | 807495 | <i>Cyprinodon variegatus</i> | 807089 | |
| Host parasite interactions | | <i>Jordanella floridae</i> | 807089 | |
| Gasterosteidae | | Poeciliidae | | |
| <i>Gasterosteus aculeatus</i> | 805965 | <i>Poecilia reticulata</i> | 806570 | |
| Mugiloidae | | <i>Poecilia sphegnops</i> | 806570 | |
| <i>Aldrichetta forsteri</i> | 804459 | Salmonidae | | |
| Carangidae | | <i>Oncorhynchus gorbuscha</i> | 807400 | |
| <i>Trachurus mediterraneus</i> | 805467 | <i>Oncorhynchus keta</i> | 807400 | |
| Mullidae | 805551 | Change with age | | |
| Scombridae | | Argentinidae | | |
| <i>Thunnus albacares</i> | 804226 | <i>Argentina silus</i> | 807399 | |
| Catostomidae | | Incidence of infection | | |
| <i>Ictiobus bubalus</i> | 804438 | Ictaluridae | | |
| <i>Ictiobus cyprinellus</i> | 804438 | <i>Ictalurus melas</i> | 809026 | |
| <i>Ictiobus niger</i> | 804438 | Argentinidae | | |
| Cyprinidae | | <i>Argentina silus</i> | 807399 | |
| <i>Abramis brama</i> | 804961 | Salmonidae | | |
| <i>Abramis brama X</i> | | <i>Salmo trutta</i> | 804453 | |
| <i>Rutilus rutilus X</i> | 804961 | Intensity of infection | | |
| <i>Rhinichthys atratulus</i> | 804093 | Salmonidae | | |
| <i>Rutilus rutilus</i> | 804961 | <i>Salmo trutta</i> | 804453 | |
| <i>Rutilus rutilus X</i> | | Host parasite interactions | | |
| <i>Abramis brama X</i> | 804961 | Cyprinidae | | |
| <i>Zacco temminckii</i> | 805536 | <i>Phoxinus phoxinus</i> | 804326 | |
| Host and parasite phylogeny | | Salmonidae | | |
| Merlucciidae | | <i>Salmo trutta</i> | 804453 | |
| <i>Merluccius hubbsi</i> | 805100 | Host specificity | | |
| Intensity of infection | | Gasterosteidae | | |
| Centrarchidae | 806642 | <i>Gasterosteus aculeatus</i> | 804123 | |
| Cottidae | 803547 | Bathyaconidae | | |
| Muraenidae | | <i>Parachannaichthys charcoti</i> | 805051 | |
| <i>Muraena muraena</i> | 805638 | Percidae | | |
| Experimental analysis | | <i>Perca fluviatilis</i> | 804123 | |
| Salmonidae | | Anguillidae | | |
| <i>Salmo gairdneri</i> | 807773 | <i>Anguilla anguilla</i> | 804123 | |
| Change with age | 808535 | Cyprinidae | 804123 | |
| Ictaluridae | | Esocidae | | |
| <i>Ictalurus melas</i> | 807779 | <i>Esox lucius</i> | 804123 | |
| <i>Ictalurus punctatus</i> | 807779 | Salmonidae | 804123 | |
| Parasite life history | | Experimental analysis | | |
| Cyprinidae | | Salmonidae | | |
| <i>Ctenopharyngodon idella</i> | 808253 | <i>Oncorhynchus kisutch</i> | 808526 | |
| Host parasite interactions | | Host parasite interactions | | |
| Cyprinidae | | Polypteromorpha | | |
| <i>Ctenopharyngodon idella</i> | 808253 | <i>Polypterus bichir</i> | 804080 | |
| Salmonidae | | Teleostei | 807395 | |
| <i>Salmo gairdneri</i> | 807773 | Centrarchidae | 803767 | |
| Treatment for disease | | <i>Pomoxis annularis</i> | 803846 | |
| Experimental analysis | | Cichlidae | 804080 | |
| Salmonidae | | Mullidae | | |
| <i>Salmo gairdneri</i> | 808535 | <i>Mullus barbatus</i> | 805547 | |
| Parasite life history | 804637 | <i>Mullus surmuletus</i> | 805547 | |
| Polypteromorpha | | Serranidae | | |
| <i>Polypterus bichir</i> | 804080 | <i>Morone saxatilis</i> | 806671 | |
| Teleostei | 804325 | <i>Percichthys</i> | 807387 | |
| | 805698 | Soleidae | | |
| Carangidae | | <i>Synaptura lusitana</i> | 803977 | |
| <i>Naukrates ductor</i> | 805471 | Tetraodontidae | | |
| Centrarchidae | 803767 | <i>Tetraodon fahaka</i> | 804080 | |
| Cichlidae | 804080 | Atherinidae | | |
| Emmelichthyidae | | <i>Basilichthys</i> | 807387 | |
| <i>Spicara smar</i> | 805471 | Cyprinodontidae | 807089 | |
| Percidae | | Poeciliidae | 807089 | |
| <i>Stizostedion lucioperca</i> | 804211 | Citharinidae | | |
| Sparidae | | <i>Citharinus citharus</i> | 804080 | |
| <i>Diplodus annularis</i> | 805471 | Erythrinidae | | |
| Triglidae | | <i>Hoplias malabaricus</i> | 807387 | |
| <i>Aspitrigla cuculus</i> | 805471 | Cyprinidae | 804080 | |
| | | Bagridae | 804080 | |

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| Environmental factors (continued) | Clariidae | | <i>Coryphaena equisetis</i> | 807004 |
| | <i>Clarias lazera</i> | 804080 | <i>Coryphaena hippurus</i> | 807004 |
| | Ictaluridae | | Ephippidae | |
| Digenea | <i>Ictalurus punctatus</i> | 803846 | <i>Chaetodipterus faber</i> | 807004 |
| | Malapteruridae | | Gerreidae | 807004 |
| | <i>Malapterurus electricus</i> | 804080 | Kyphosidae | |
| | Mochokidae | 804080 | <i>Girella nigricans</i> | 807405 |
| | Gymnarchidae | | Lethrinidae | |
| | <i>Gymnarchus niloticus</i> | 804080 | <i>Lethrinus atlanticus</i> | 803977 |
| | Experimental analysis | | Lutjanidae | |
| | Cyprinidae | 804325 | <i>Lutjanus</i> | 803776 |
| | 806426 | | <i>Lutjanus jocu</i> | 807004 |
| | <i>Cyprinus carpio</i> | 806660 | Mullidae | 806417 |
| | Salmonidae | | <i>Mullus barbatus</i> | 806760 |
| | <i>Salmo gairdneri</i> | 807087 | Percidae | 806417 |
| | Coloration | | <i>Gymnocephalus cernua</i> | 806261 |
| | Pleuronectidae | | <i>Perca fluviatilis</i> | 806261 |
| | <i>Pleuronectes platessa</i> | 804331 | <i>Stizostedion lucioperca</i> | 806939 |
| | Immunological reactions | | | |
| | Centrarchidae | | | |
| | <i>Lepomis macrochirus</i> | 807628 | Pomadasyidae | |
| | Distribution of infection | | <i>Haemulon</i> | 807004 |
| | Serranidae | | Pomatomidae | |
| | <i>Morone americana</i> | 806512 | <i>Pomatomus saltatrix</i> | 804451 |
| | Prophylactic treatment | | | 807004 |
| | Cyprinidae | | | |
| | <i>Cyprinus carpio</i> | 806660 | Rachycentridae | |
| | Parasite life history | | <i>Rachycentron canadum</i> | 807004 |
| | Sparidae | | Sciaenidae | |
| | <i>Boops salpa</i> | 805614 | <i>Cynoscion nebulosus</i> | 804451 |
| | Salmonidae | | <i>Menticirrhus nasus</i> | 804864 |
| | <i>Salmo gairdneri</i> | 807087 | <i>Sciaenops ocellata</i> | 804451 |
| | Host specificity | | Serranidae | 807004 |
| | Percidae | | <i>Epinephelus</i> | 803776 |
| | <i>Perca flavescens</i> | 806512 | <i>Morone americana</i> | 803522 |
| | <i>Perca fluviatilis</i> | 806426 | Sparidae | 806417 |
| | Serranidae | | <i>Sargus annularis</i> | 806760 |
| | <i>Morone americana</i> | 806512 | Theraponidae | |
| | Cyprinidae | 806426 | <i>Therapon puta</i> | 804203 |
| | Esocidae | | Scombidae | 806417 |
| | <i>Esox lucius</i> | 806426 | | 807004 |
| | Parasite systematics | | <i>Euthynnus alletteratus</i> | 804451 |
| | Elasmobranchii | 806760 | <i>Scomber scombrus</i> | 806760 |
| | Rhinobatidae | | <i>Scomberomorus cavalla</i> | 804451 |
| | <i>Rhinobatos porcellus</i> | 807004 | <i>Scomberomorus maculatus</i> | 804451 |
| | Torpedinidae | | Trichiuridae | |
| | <i>Torpedo marmorata</i> | 806417 | <i>Trichiurus lepturus</i> | 804451 |
| | Squalomorpha | 806417 | | 807004 |
| | Squatinae | | Xiphiidae | |
| | <i>Squatina californica</i> | 807405 | <i>Xiphias gladius</i> | 806417 |
| | Acipenseromorpha | | Sphyracnoidei | |
| | <i>Acipenser</i> | 806417 | <i>Sphyracna barracuda</i> | 804451 |
| | Semionotomorpha | | Uranoscopidae | |
| | <i>Lepisosteus spatula</i> | 804451 | <i>Uranoscopus scaber</i> | 806417 |
| | Teleostei | 806417 | | 806760 |
| | | 806715 | Pleuronectiformes | 806417 |
| | | 806760 | Bothidae | |
| | Channiformes | | <i>Paralichthys brasiliensis</i> | 807004 |
| | <i>Channa punctatus</i> | 806380 | <i>Paralichthys lethostigma</i> | 804451 |
| | <i>Channa striata</i> | 806378 | Cynoglossidae | 803977 |
| | <i>Ophecephalus punctatus</i> | 804131 | Pleuronectidae | |
| | Gasterosteidae | | <i>Platichthys flesus</i> | 806261 |
| | <i>Gasterosteus aculeatus</i> | 806261 | Cottidae | 806417 |
| | <i>Pungitius pungitius</i> | 806261 | <i>Clinocottus analis</i> | 807405 |
| | Syngnathidae | 806417 | <i>Myoxocephalus scorpius</i> | 806261 |
| | Acanthuridae | | Scorpenidae | 806417 |
| | <i>Naso</i> | 803776 | <i>Scorpaena plumieri</i> | 807004 |
| | <i>Naso annulatus</i> | 807388 | Triglidae | 806417 |
| | Siganidae | | <i>Trigla lyra</i> | 806760 |
| | <i>Siganus</i> | 803776 | Amphipnoidae | |
| | Belontiidae | | <i>Amphipnopus cuchia</i> | 806183 |
| | <i>Trichogaster fasciatus</i> | 804131 | Tetraodontidae | 807004 |
| | Anarhichadidae | 806417 | <i>Sphoeroides formosus</i> | 804635 |
| | Blenniidae | 806417 | Zeidae | 806417 |
| | <i>Blennius gattorugine</i> | 806760 | Atherinidae | 807004 |
| | Gobiidae | | Cyprinodontidae | |
| | <i>Guavina guavina</i> | 807004 | <i>Neofundulus paraguayensis</i> | 807387 |
| | <i>Neogobius fluviatilis</i> | 806939 | Jenynsiidae | |
| | Labridae | 806417 | <i>Jenynsia lineata</i> | 807387 |
| | <i>Crenilabrus cinereus</i> | 806760 | Belontiidae | |
| | <i>Crenilabrus tinca</i> | 806760 | <i>Belone bellone</i> | 806261 |
| | Mastacembelidae | | <i>Strongylura marina</i> | 804451 |
| | <i>Rhynchobdella aculeata</i> | 804131 | <i>Xenentodon cançila</i> | 806377 |
| | Mugiloidae | | | 806380 |
| | <i>Mugil cephalus</i> | 807388 | Exocoetidae | |
| | <i>Mugil platanus</i> | 807004 | <i>Cypselurus</i> | 806459 |
| | Apogonidae | | <i>Parexocoetus brachypterus</i> | 806417 |
| | <i>Syngnops bella</i> | 804451 | Clupeidae | |
| | Carangidae | 806261 | <i>Alosa fallax</i> | 806261 |
| | | 807004 | | 806760 |
| | Centropomidae | | <i>Clupea harengus</i> | 806261 |
| | <i>Centropomus undecimalis</i> | 807004 | <i>Sardina pilchardus</i> | 806760 |
| | Coryphaenidae | 806417 | Engraulidae | 807004 |

| Anguillidae | | Cestoda | | Environmental factors (continued) |
|---------------------------------|--------|------------------------------------|--------|--------------------------------------|
| <i>Anguilla anguilla</i> | 806417 | Lipid metabolism | | |
| | 806760 | Biochemistry | | |
| Congridae | | Carcharhinidae | | |
| <i>Conger conger</i> | 806261 | <i>Carcharhinus leucas</i> | 806615 | |
| | 806417 | <i>Galeocerdo cuvieri</i> | 806615 | Cestoda |
| | 806760 | Orectolobidae | | |
| Muraenidae | 806417 | <i>Ginglymostoma cirratum</i> | 806615 | |
| <i>Muraena</i> | 807004 | Seasonal changes | | |
| Ophichthidae | | Incidence of infection | | |
| <i>Pisodonophis</i> | 803977 | Anguillidae | | |
| Anostomidae | 807004 | <i>Anguilla anguilla</i> | 805122 | |
| Characidae | 807004 | Cyprinidae | | |
| Ctenoluciidae | | <i>Leuciscus leuciscus</i> | 805118 | |
| <i>Boulengerella cuvieri</i> | 807004 | <i>Vimba vimba</i> | 807046 | |
| Curimatidae | | Intensity of infection | | |
| <i>Curimata elegans</i> | 807004 | Cyprinidae | | |
| <i>Curimata platana</i> | 807004 | <i>Leuciscus leuciscus</i> | 805118 | |
| Erythrinidae | | <i>Vimba vimba</i> | 807046 | |
| <i>Hoplias malabaricus</i> | 807004 | Parasite life history | | |
| Prochilodontidae | | Cyprinidae | | |
| <i>Prochilodus lineatus</i> | 807004 | <i>Leuciscus leuciscus</i> | 805118 | |
| <i>Prochilodus platensis</i> | 807004 | Distribution of infection | | |
| Cobitidae | 806417 | Chimaeromorpha | | |
| Cyprinidae | 806261 | <i>Callorhynchus capensis</i> | 805473 | |
| | 806417 | <i>Harioia raleighana</i> | 805473 | |
| | 806939 | Alopiidae | | |
| <i>Catla catla</i> | 806183 | <i>Alopias vulpinus</i> | 805473 | |
| Electrophoridae | | Carcharhinidae | | |
| <i>Electrophorus electricus</i> | 807004 | <i>Carcharhinus</i> | 805473 | |
| Gymnotidae | | <i>Prionace glauca</i> | 805473 | |
| <i>Gymnotus carapo</i> | 807387 | Acipenseromorpha | 806903 | |
| Ageneiosidae | | Teleostei | 807077 | |
| <i>Ageneiosus</i> | 807004 | Gasterosteidae | | |
| <i>Arius grandicassis</i> | 807004 | <i>Gasterosteus aculeatus</i> | 806904 | |
| Auchenipteridae | | <i>Pungitius</i> | 806904 | |
| <i>Glanidium neivai</i> | 807004 | Mulidae | 805473 | |
| Bagridae | | Percidae | 806904 | |
| <i>Mystus seenghala</i> | 804131 | Sparidae | | |
| | 805629 | <i>Pagrus pagrus</i> | 805473 | |
| | 806183 | Sphyrnaeidae | | |
| | 806928 | <i>Sphyrna barracuda</i> | 805473 | |
| <i>Mystus vittatus</i> | 805629 | Centrolophidae | | |
| | 806183 | <i>Hyperoglyphe pringlei</i> | 805473 | |
| <i>Rita rita</i> | 804131 | Pleuronectidae | | |
| | 806182 | <i>Pleuronectes</i> | 806904 | |
| Doradidae | 806183 | Cottidae | | |
| | 806417 | <i>Cottus gobio</i> | 806904 | |
| | 807004 | <i>Myoxocephalus</i> | 806904 | |
| Heteropneustidae | | Triglidae | | |
| <i>Heteropneustes fossilis</i> | 804911 | <i>Peristedion cataphractum</i> | 805489 | |
| | 806183 | Tetraodontidae | | |
| Loricariidae | 807004 | <i>Liostaccus cutaneus</i> | 805489 | |
| <i>Loricaria anus</i> | 807387 | Zeidae | | |
| Pimelodontidae | 806417 | <i>Zenopsis conchifer</i> | 805489 | |
| | 807004 | Clupeidae | | |
| Schilbeidae | | <i>Sardina pilchardus</i> | 805473 | |
| <i>Clupisoma garua</i> | 805629 | <i>Sardinops ocellata</i> | 805473 | |
| <i>Eutropichthys vacha</i> | 805629 | Engraulidae | | |
| Siluridae | | <i>Engraulis japonicus</i> | 805473 | |
| <i>Silurus glanis</i> | 806417 | Oblitidae | 806904 | |
| | 806939 | Cyprinidae | 806904 | |
| <i>Wallagonia attu</i> | 805629 | Ariidae | | |
| | 806183 | <i>Arius</i> | 805473 | |
| | 806927 | Gadidae | 805489 | |
| Sisoridae | | <i>Lota lota</i> | 806904 | |
| <i>Glyptosternon</i> | 806183 | Macrouridae | | |
| Osteoglossidae | | <i>Nezumia naiardi</i> | 805489 | |
| <i>Arapaima gigas</i> | 807004 | Merlucciidae | | |
| Gadidae | 806417 | <i>Merluccius merluccius</i> | 805473 | |
| <i>Lota lota</i> | 806261 | Lophidae | | |
| <i>Merlangius merlangus</i> | 806261 | <i>Lophius piscatorius</i> | 805473 | |
| Merlucciidae | | Esocidae | | |
| <i>Merluccius hubbsi</i> | 807004 | <i>Esox lucius</i> | 806904 | |
| <i>Merluccius merluccius</i> | 806760 | Salmonidae | 806904 | |
| Ophidiidae | 806417 | Treatment for disease | | |
| Lophidae | | Cyprinidae | | |
| <i>Lophius americanus</i> | 804451 | <i>Aristichthys nobilis</i> | 808235 | |
| Chaniidae | | <i>Ctenopharyngodon idella</i> | 808235 | |
| <i>Chanos chanos</i> | 803776 | <i>Hypophthalmichthys molitrix</i> | 808235 | |
| Esocidae | | Prophylactic treatment | | |
| <i>Esox lucius</i> | 806261 | Cyprinidae | | |
| | 806417 | <i>Aristichthys nobilis</i> | 808235 | |
| | 806939 | <i>Ctenopharyngodon idella</i> | 808235 | |
| Osmeridae | | <i>Hypophthalmichthys molitrix</i> | 808235 | |
| <i>Osmerus eperlanus</i> | 806261 | Incidence of infection | | |
| Salmonidae | 806417 | Petromyzontomorpha | | |
| <i>Salmo trutta</i> | 806261 | <i>Lampetra japonica</i> | 807492 | |
| <i>Thymallus thymallus</i> | 806939 | Carcharhinidae | | |
| Distribution of infection | | <i>Carcharhinus leucas</i> | 804454 | |
| Teleostei | 806884 | Cetorhinidae | | |
| | | <i>Cetorhinus maximus</i> | 806261 | |

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|--------------------------------------|--------------------------------|--------|------------------------------------|--------|
| Environmental factors (continued) | Scyliorhinidae | | Carcharhinidae | |
| | <i>Scyliorhinus caniculus</i> | 806261 | <i>Prionace glauca</i> | 807391 |
| Cestoda | Squalidae | | Squalidae | |
| | <i>Squalus acanthias</i> | 806261 | <i>Squalus acanthias</i> | 807391 |
| | Polypteromorpha | | Aulorhynchidae | |
| | <i>Polypterus bichir</i> | 804080 | <i>Aulorhynchus flavidus</i> | 807495 |
| | <i>Polypterus endlicheri</i> | 804080 | Gasterosteidae | |
| | <i>Polypterus senegalus</i> | 804080 | <i>Gasterosteus aculeatus</i> | 804496 |
| | Amiromorpha | | | 807495 |
| | <i>Amia calva</i> | 803545 | Syngnathidae | |
| | Gasterosteidae | | <i>Syngnathus criseolineatus</i> | 807495 |
| | <i>Pungitius pungitius</i> | 806261 | Ammodontidae | |
| | Acanthuridae | | <i>Ammodontes hexapterus</i> | 807495 |
| | <i>Acanthurus coeruleus</i> | 804454 | Pholididae | |
| | Carangidae | 804454 | <i>Pholis laeta</i> | 807495 |
| | <i>Trachurus symmetricus</i> | 808731 | Gobiidae | |
| | Centrarchidae | | <i>Coryphopterus nicholsi</i> | 807495 |
| | <i>Lepomis</i> | 805611 | Carangidae | |
| | Lutjanidae | | <i>Trachurus trachurus</i> | 805468 |
| | <i>Lutjanus griseus</i> | 804454 | Embiotocidae | |
| | <i>Ocyurus chrysurus</i> | 804454 | <i>Cymatogaster aggregata</i> | 807495 |
| | Serranidae | 804454 | Percidae | |
| | Sparidae | | <i>Perca fluviatilis</i> | 803827 |
| | <i>Diplodus argenteus</i> | 804454 | | 806657 |
| | Scombridae | | | 806658 |
| | <i>Euthynnus alletteratus</i> | 804454 | Scombridae | |
| | <i>Scomber japonicus</i> | 808731 | <i>Scomber colias</i> | 805472 |
| | <i>Thunnus albacares</i> | 804226 | Pleuronectidae | |
| | Cottidae | | <i>Lepidopsetta bilineata</i> | 807495 |
| | <i>Cottus beldingi</i> | 808721 | <i>Platichthys stellatus</i> | 807495 |
| | Tetraodontidae | | Agonidae | |
| | <i>Tetraodon lineatus</i> | 804080 | <i>Agonus acipenserinus</i> | 807495 |
| | Belontiidae | | <i>Xenentodon maculatus</i> | 807495 |
| | <i>Ablennes hians</i> | 804454 | Cottidae | |
| | Engraulidae | | <i>Hexagrammidae</i> | 807495 |
| | <i>Engraulis japonicus</i> | 805423 | Scorpaenidae | 807495 |
| | | 806581 | <i>Sebastes marmoratus</i> | 805538 |
| | Characidae | | Clupeidae | |
| | <i>Alestes nurse</i> | 804080 | <i>Clupea harengus</i> | 807495 |
| | Citharinidae | | Anguillidae | |
| | <i>Citharus citharus</i> | 804080 | <i>Anguilla anguilla</i> | 803827 |
| | Catostomidae | 803544 | Catostomidae | |
| | Cyprinidae | | <i>Catostomus clarki</i> | 804824 |
| | <i>Bleca bleekeri</i> | 804076 | <i>Catostomus insignis</i> | 804824 |
| | <i>Gila elegans</i> | 807794 | <i>Leuciscus cephalus</i> | 804438 |
| | <i>Gila robusta</i> | 807794 | <i>Leuciscus leuciscus</i> | 804438 |
| | <i>Ptychocheilus lucius</i> | 807794 | <i>Leuciscus niger</i> | 804438 |
| | Bagridae | 804080 | Cyprinidae | 806657 |
| | Clariidae | | | 806658 |
| | <i>Clarias lazera</i> | 804080 | <i>Rutilus rutilus</i> | 803827 |
| | Ictaluridae | 806642 | Gadidae | |
| | <i>Ictalurus melas</i> | 807779 | <i>Gadus macrocephalus</i> | 807495 |
| | Malapteruridae | | <i>Theragra chalcogramma</i> | 807495 |
| | <i>Malapterurus electricus</i> | 804080 | Zoaridae | |
| | Mochokidae | 804080 | <i>Aprodon corteziensis</i> | 807495 |
| | Schilbeidae | 804080 | Esocidae | |
| | Mormyridae | 804080 | <i>Esox lucius</i> | 803827 |
| | Osteoglossidae | | | 806657 |
| | <i>Heterotis niloticus</i> | 804080 | | 806658 |
| | Gadidae | | Retropinnidae | |
| | <i>Pollachius pollachius</i> | 805065 | <i>Retropinna retropinna</i> | 807893 |
| | Salmonidae | | Osmeridae | |
| | <i>Oncorhynchus kisutch</i> | 808526 | <i>Thaleichthys pacificus</i> | 807495 |
| | <i>Salmo salar</i> | 803583 | Salmonidae | |
| | <i>Salmo trutta</i> | 806879 | <i>Oncorhynchus</i> | 807893 |
| | <i>Thymallus arcticus</i> | 803583 | <i>Salmo gairdneri</i> | 807773 |
| | Change with age | 806450 | <i>Salmo trutta</i> | 807893 |
| | Gasterosteidae | | Prophylactic treatment | |
| | <i>Gasterosteus aculeatus</i> | 805979 | Cyprinidae | |
| | Carangidae | | <i>Ctenopharyngodon idella</i> | 807279 |
| | <i>Trachurus mediterraneus</i> | 805467 | <i>Cyprinus carpio</i> | 807279 |
| | Seasonal changes | | <i>Hypophthalmichthys molitrix</i> | 807279 |
| | Gasterosteidae | | Parasite life history | |
| | <i>Gasterosteus aculeatus</i> | 805965 | Gasterosteidae | |
| | Percidae | | <i>Gasterosteus aculeatus</i> | 805965 |
| | <i>Perca fluviatilis</i> | 807394 | Carangidae | |
| | | 806657 | <i>Seriola quinqueradiata</i> | 806581 |
| | Clupeidae | 806658 | Percidae | |
| | <i>Hilsa ilisha</i> | 808577 | <i>Perca fluviatilis</i> | 807393 |
| | Cyprinidae | 806657 | <i>Perca fluviatilis</i> | 806256 |
| | <i>Phoxinus phoxinus</i> | 808216 | Catostomidae | |
| | Esocidae | | <i>Catostomus clarki</i> | 804824 |
| | <i>Esox lucius</i> | 806657 | <i>Catostomus insignis</i> | 804824 |
| | | 806658 | Cyprinidae | |
| | Distribution of infection | | <i>Leuciscus cephalus</i> | 807267 |
| | Salmonidae | | <i>Leuciscus leuciscus</i> | 805956 |
| | <i>Salmo salar</i> | 807917 | | 805969 |
| | Intensity of infection | | Esocidae | |
| | Rajidae | | <i>Esox lucius</i> | 806256 |
| | <i>Raja radiata</i> | 807391 | Osmeridae | |
| | | | <i>Osmerus eperlanus</i> | 806256 |
| | | | Salmonidae | |
| | | | <i>Coregonus albus</i> | 806256 |

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|------------------------------------|--------|-----------------------------------|--------|-----------------------|
| <i>Oncorhynchus gorbusha</i> | 807392 | Ultrastructure | | Environmental factors |
| <i>Salvelinus namaycush</i> | 807398 | Gasterosteidae | | (continued) |
| Host specificity | | <i>Gasterosteus aculeatus</i> | 804758 | |
| Cyprinidae | | Experimental analysis | | |
| <i>Ctenopharyngodon idella</i> | 807279 | Gasterosteidae | | |
| <i>Cyprinus carpio</i> | 807279 | <i>Gasterosteus aculeatus</i> | 807386 | Cestoda |
| <i>Hypophthalmichthys molitrix</i> | 807279 | Carangidae | | |
| Host parasite interactions | | <i>Seriola quinqueradiata</i> | 805424 | |
| Gasterosteidae | | Cyprinidae | | |
| <i>Gasterosteus aculeatus</i> | 804496 | <i>Danio malabaricus</i> | 807490 | |
| | 804960 | Incidence of infection | | |
| Carangidae | | Percidae | | |
| <i>Seriola quinqueradiata</i> | 806581 | <i>Perca flavescens</i> | 803803 | |
| <i>Trachurus mediterraneus</i> | 805467 | Serranidae | | |
| Catostomidae | | <i>Morone americana</i> | 803803 | |
| <i>Ictiobus bubalus</i> | 804438 | Host specificity | | |
| <i>Ictiobus cyprinellus</i> | 804438 | Gasterosteidae | | |
| <i>Ictiobus niger</i> | 804438 | <i>Gasterosteus aculeatus</i> | 803978 | |
| Cyprinidae | 809004 | <i>Pungitius pungitius</i> | 803978 | |
| <i>Leuciscus leuciscus</i> | 805969 | Percidae | | |
| Gadidae | | <i>Acerina cernua</i> | 803978 | |
| <i>Gadus morhua</i> | 805119 | <i>Perca fluviatilis</i> | 803978 | |
| Salmonidae | | Pleuronectidae | | |
| <i>Salmo gairdneri</i> | 807773 | <i>Platichthys flesus</i> | 803978 | |
| Intensity of infection | | Anguillidae | | |
| Polypteromorpha | | <i>Anguilla anguilla</i> | 803978 | |
| <i>Polypterus bichir</i> | 804080 | Esocidae | | |
| <i>Polypterus endlicheri</i> | 804080 | <i>Esox lucius</i> | 803978 | |
| <i>Polypterus senegalus</i> | 804080 | Osmeridae | | |
| Amiromorpha | | <i>Osmerus eperlanus</i> | 803978 | |
| <i>Amia calva</i> | 803545 | Salmonidae | | |
| Centrarchidae | 806642 | <i>Salmo trutta</i> | 803978 | |
| Tetraodontidae | | Host and parasite phylogeny | | |
| <i>Tetraodon fahaka</i> | 804080 | Rajomorphs | 804739 | |
| Citharinidae | | Galeiformes | 804739 | |
| <i>Citharus citharus</i> | 804080 | Hexanchiformes | 804739 | |
| Ichthyoboridae | | Squaliformes | 804739 | |
| <i>Ichthyoborus besse</i> | 804080 | Host specificity | | |
| Bagridae | 804080 | Scyliorhinidae | | |
| Clariidae | 804080 | <i>Scyliorhinus stellaris</i> | 804958 | |
| Malapteruridae | | Gasterosteidae | | |
| <i>Malapterurus electricus</i> | 804080 | <i>Gasterosteus aculeatus</i> | 804123 | |
| Mochokidae | 804080 | <i>Pungitius pungitius</i> | 804123 | |
| Schilbeidae | 804080 | Gobiidae | | |
| Mormyridae | 804080 | <i>Gobius microps</i> | 804123 | |
| Osteoglossidae | | Bathyrachnidae | | |
| <i>Heterotis niloticus</i> | 804080 | <i>Parachannaichthys charcoti</i> | 805051 | |
| Salmonidae | | Percidae | | |
| <i>Salmo salar</i> | 803583 | <i>Perca fluviatilis</i> | 804123 | |
| <i>Salmo trutta</i> | 803583 | Anguillidae | | |
| Change with age | | <i>Anguilla anguilla</i> | 804123 | |
| Ictaluridae | | Cyprinidae | 804123 | |
| <i>Ictalurus punctatus</i> | 807779 | Esocidae | | |
| Seasonal changes | | <i>Esox lucius</i> | 804123 | |
| Cyprinidae | | Salmonidae | 804123 | |
| <i>Phoxinus phoxinus</i> | 808216 | <i>Prosopium coulteri</i> | 804294 | |
| Parasite life history | | <i>Prosopium williamsoni</i> | 804294 | |
| Myliobatidae | | Experimental analysis | | |
| <i>Myliobatis californica</i> | 808738 | Gasterosteidae | | |
| Rajidae | 804958 | <i>Gasterosteus aculeatus</i> | 804458 | |
| Carcharinidae | | <i>Pungitius pungitius</i> | 804458 | |
| <i>Mustelus canis</i> | 806632 | Gobiidae | | |
| <i>Triakis henlei</i> | 804364 | <i>Brachyogobius natus</i> | 805120 | |
| <i>Triakis semifasciata</i> | 804364 | Percidae | | |
| Polypteromorpha | | <i>Perca fluviatilis</i> | 805120 | |
| <i>Polypterus bichir</i> | 804080 | Catostomidae | | |
| <i>Polypterus endlicheri</i> | 804080 | <i>Minytrema melanops</i> | 805120 | |
| <i>Polypterus senegalus</i> | 804080 | Cyprinidae | 805120 | |
| Teleostei | 805698 | Salmonidae | | |
| Carangidae | | <i>Salmo trutta</i> | 805120 | |
| <i>Seriola quinqueradiata</i> | 805423 | Host parasite interactions | | |
| Tetraodontidae | | Gasterosteidae | | |
| <i>Tetraodon fahaka</i> | 804080 | <i>Gasterosteus aculeatus</i> | 804458 | |
| Belonidae | | <i>Pungitius pungitius</i> | 804458 | |
| <i>Belone bellone</i> | 806632 | Host parasite interactions | | |
| Engraulidae | | Rajidae | 804958 | |
| <i>Engraulis japonicus</i> | 805423 | Torpedinidae | | |
| Characidae | | <i>Torpedo californica</i> | 806203 | |
| <i>Alestes nurse</i> | 804080 | Teleostei | 806042 | |
| Citharinidae | | Gasterosteidae | | |
| <i>Citharus citharus</i> | 804080 | <i>Gasterosteus aculeatus</i> | 806261 | |
| Bagridae | 804080 | <i>Pungitius pungitius</i> | 806261 | |
| Clariidae | | Centrarchidae | | |
| <i>Clarias lazera</i> | 804080 | <i>Lepomis macrochirus</i> | 804299 | |
| Malapteruridae | | <i>Pomoxis annularis</i> | 803846 | |
| <i>Malapterurus electricus</i> | 804080 | Percidae | | |
| Mochokidae | 804080 | <i>Gymnocephalus cernua</i> | 806261 | |
| Schilbeidae | 804080 | <i>Perca fluviatilis</i> | 806261 | |
| Mormyridae | 804080 | Pleuronectidae | | |
| Osteoglossidae | | <i>Limanda limanda</i> | 806261 | |
| <i>Heterotis niloticus</i> | 804080 | <i>Platichthys flesus</i> | 806261 | |
| Salmonidae | | <i>Pleuronectes platessa</i> | 806261 | |
| <i>Salmo salar</i> | 803583 | Cottidae | | |
| <i>Salmo trutta</i> | 803583 | <i>Myoxocephalus scorpius</i> | 806261 | |

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|--------------------------------------|--------------------------------|--------|--------------------------------------|--------|
| Environmental factors (continued) | Zeidae | | Scyliorhinidae | |
| | <i>Zeus faber</i> | 806261 | <i>Scyliorhinus caniculus</i> | 804040 |
| Cestoda | Belontiidae | | <i>Scyliorhinus stellaris</i> | 806632 |
| | <i>Belone bellone</i> | 806261 | Sphyrnidae | 804040 |
| | Clupeidae | | <i>Sphyrna japonica</i> | 804040 |
| | <i>Alosa fallax</i> | 806261 | <i>Sphyrna zygaena</i> | 806632 |
| | Engraulidae | | Heterodontiformes | |
| | <i>Engraulis encrasicolus</i> | 806261 | <i>Heterodontus philippi</i> | 804040 |
| | Anguillidae | | <i>Heterodontus portusjacksoni</i> | 805071 |
| | <i>Anguilla anguilla</i> | 806261 | Hexanchiformes | |
| | Catostomidae | | <i>Hexanchus griseus</i> | 804040 |
| | <i>Catostomus commersoni</i> | 806850 | | 806632 |
| | Cyprinidae | | Squalidae | |
| | Iteluridae | | <i>Etmopterus niger</i> | 804040 |
| | <i>Itelurus punctatus</i> | 803846 | <i>Squalus</i> | 804040 |
| | Esocidae | | <i>Squalus acanthias</i> | 806632 |
| | <i>Esox lucius</i> | 806261 | <i>Squalus fernandinus</i> | 806632 |
| | Synodontidae | | Squatinae | |
| | <i>Synodus intermedius</i> | 804454 | <i>Squatina squatina</i> | 806632 |
| | Osmeridae | | Bathyrhynchidae | |
| | <i>Osmerus eperlanus</i> | 806261 | <i>Cygnodraco mawsoni</i> | 805071 |
| | Salmonidae | | <i>Prionodracon evansi</i> | 805071 |
| | <i>Salmo trutta</i> | 806261 | Channichthyidae | 805071 |
| | Immunological reactions | | Nototheniidae | 805071 |
| | Cyprinidae | | Carangidae | |
| | <i>Leuciscus leuciscus</i> | 804365 | <i>Caranx trachurus</i> | 806632 |
| | Seasonal changes | | Mullidae | |
| | Cyprinidae | | <i>Mullus barbatus</i> | 804204 |
| | <i>Cyprinus carpio</i> | 807745 | Sciaenidae | |
| | Distribution of infection | | <i>Pogonias cromis</i> | 807410 |
| | Serranidae | | Scombridae | |
| | <i>Morone americana</i> | 806512 | <i>Sarda chiliensis</i> | 806185 |
| | Incidence of infection | | <i>Scomber scombrus</i> | 806632 |
| | Centrarchidae | | Platycephaloidei | |
| | <i>Micropterus dolomieu</i> | 804495 | <i>Platycephalus bassensis</i> | 805071 |
| | Cyprinidae | | Molidae | |
| | <i>Cyprinus carpio</i> | 807745 | <i>Mola mola</i> | 805071 |
| | Intensity of infection | | | 806632 |
| | Cyprinidae | | | 803544 |
| | <i>Cyprinus carpio</i> | 807745 | Catostomidae | |
| | Host specificity | | Heteropneustidae | |
| | Percidae | | <i>Heteropneustes fossilis</i> | 806717 |
| | <i>Perca flavescens</i> | 806512 | Macrouridae | |
| | Serranidae | | <i>Coryphaenoides whitsoni</i> | 805071 |
| | <i>Morone americana</i> | 806512 | Parasite life history | |
| | Host and parasite phylogeny | | Gasterosteidae | |
| | Amiotomorphi | | <i>Apeltes quadracus</i> | 807407 |
| | <i>Amia calva</i> | 806716 | Pleuronectidae | |
| | Parasite systematics | | <i>Pseudopleuronectes americanus</i> | 807407 |
| | Dasyatidae | | Gadidae | |
| | <i>Dasyatis</i> | 804040 | <i>Microgadus tomcod</i> | 807407 |
| | <i>Dasyatis violacea</i> | 806632 | Salmonidae | |
| | <i>Gymnura marmorata</i> | 804040 | <i>Oncorhynchus gorboscha</i> | 807407 |
| | <i>Gymnura micura</i> | 804040 | <i>Salmo salar</i> | 807407 |
| | <i>Pteroplatea poecilura</i> | 804040 | <i>Salvelinus alpinus</i> | 807407 |
| | <i>Trygon uarnak</i> | 804298 | Parasites shared with man | |
| | <i>Trygon walga</i> | 804298 | Experimental analysis | |
| | <i>Urogymnus</i> | 804040 | Scombridae | |
| | <i>Urophycis halleri</i> | 804040 | <i>Sarda chiliensis</i> | 807384 |
| | Myliobatidae | | <i>Scomberomorus maculatus</i> | 807384 |
| | <i>Aetobatus narinari</i> | 804040 | | |
| | <i>Myliobatis aquila</i> | 804040 | Nematoda | |
| | | 806632 | As food for fish | |
| | <i>Myliobatis californica</i> | 804040 | Gobiidae | |
| | <i>Rhinoptera bonasus</i> | 803775 | <i>Boleophthalmus dussumieri</i> | 805722 |
| | Rajidae | | <i>Scartelaos viridis</i> | 809057 |
| | <i>Raja</i> | 804040 | Atherinidae | |
| | <i>Raja clavata</i> | 806632 | <i>Menidia extensa</i> | 807835 |
| | <i>Raja oxyrinchus</i> | 806632 | Characidae | |
| | Rhinobatidae | | <i>Alestes dageti</i> | 805053 |
| | <i>Rhinobatos productus</i> | 804040 | <i>Micralastes acutidens</i> | 805053 |
| | <i>Rhinobatos schleggeli</i> | 804040 | Cyprinidae | |
| | <i>Rhynchobatus djiddensis</i> | 804040 | <i>Barbus kolus</i> | 808571 |
| | Torpedinidae | | <i>Gila elegans</i> | 807794 |
| | <i>Narcine brauni</i> | 804040 | Amblyopsidae | |
| | <i>Narcine japonica</i> | 804040 | <i>Chologaster agassizi</i> | 804436 |
| | <i>Narcine timiei</i> | 804040 | As parasite | |
| | <i>Torpedo</i> | 804040 | Carangidae | |
| | <i>Torpedo nobiliana</i> | 806632 | <i>Trachinotus carolinus</i> | 804222 |
| | Carcharhinidae | | Cichlidae | |
| | <i>Mustelus antarcticus</i> | 805071 | <i>Cichla ocellaris</i> | 804217 |
| | <i>Mustelus canis</i> | 806632 | <i>Cichlasoma bimaculatum</i> | 804217 |
| | | 807410 | <i>Cichlasoma festum</i> | 804217 |
| | <i>Mustelus mustelus</i> | 806632 | <i>Pterophyllum</i> | 808447 |
| | <i>Negaprion brevirostris</i> | 804040 | Serranidae | |
| | <i>Triakis scyllia</i> | 804040 | <i>Morone saxatilis</i> | 806649 |
| | Isuridae | | Cyprinidae | |
| | <i>Alopias superciliosus</i> | 804291 | <i>Danio</i> | 808447 |
| | <i>Isurus oxyrinchus</i> | 806632 | <i>Rhinichthys atratulus</i> | 806272 |
| | Orectolobidae | | Salmonidae | |
| | <i>Ginglymostoma cirratum</i> | 807410 | <i>Prosopium coulteri</i> | 804294 |
| | <i>Orectolobus maculatus</i> | 804040 | | |

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|----------------------------------------|--------|----------------------------------|--------|--------------------------------------|
| <i>Prosopium williamsoni</i> | 804294 | <i>Lates niloticus</i> | 804080 | Environmental factors (continued) |
| Incidence of infection | | Cichlidae | 804080 | |
| Mugiloidae | | Percidae | 809003 | |
| <i>Mugil cephalus</i> | 808575 | <i>Sizistostedion lucioperca</i> | 809003 | |
| Seasonal changes | | Sillaginidae | 807136 | Nematoda |
| Incidence of infection | | <i>Sillaginopsis panjius</i> | 807136 | |
| Anguillidae | | Sparidae | 807136 | |
| <i>Anguilla anguilla</i> | 805122 | <i>Sparus berda</i> | 807136 | |
| Cyprinidae | | Polynemoidei | 807136 | |
| <i>Vimba vimba</i> | 807046 | <i>Polydactylus indicus</i> | 803510 | |
| Gadidae | | Scombridae | 804080 | |
| <i>Merlangius merlangus</i> | 805121 | <i>Euthynnus pelamis</i> | 804080 | |
| Intensity of infection | | Tetraodontidae | 807136 | |
| Cyprinidae | | <i>Tetraodon fahaka</i> | 807136 | |
| <i>Vimba vimba</i> | 807046 | Belonidae | 807136 | |
| Gadidae | | <i>Xenentodon cancila</i> | 807136 | |
| <i>Merlangius merlangus</i> | 805121 | Engraulidae | 807136 | |
| Distribution of infection | | <i>Thrissa hamiltoni</i> | 807136 | |
| Acipenseromorpha | 806903 | Catostomidae | 806903 | |
| Teleostei | 807077 | <i>Catostomus commersoni</i> | 809003 | |
| Siganidae | | Cyprinidae | 807267 | |
| <i>Siganus guttatus</i> | 807389 | <i>Barbus lacerta</i> | 807267 | |
| <i>Siganus oramin</i> | 807389 | <i>Leuciscus cephalus</i> | 804080 | |
| Anabantidae | | Bagridae | 807136 | |
| <i>Anabas testudineus</i> | 807389 | <i>Mystus aor</i> | 807136 | |
| Belontiidae | | <i>Rita rita</i> | 804080 | |
| <i>Trichogaster trichopterus</i> | 807389 | Clariidae | 807136 | |
| Carangidae | | Heteropneustidae | 807136 | |
| <i>Caranx melampygus</i> | 807389 | <i>Heteropneustes fossilis</i> | 804080 | |
| <i>Trachurus trachurus</i> | 805489 | Malapteruridae | 804080 | |
| Echeneidae | | <i>Malapterurus electricus</i> | 804080 | |
| <i>Echeneis naucrates</i> | 805473 | Mochokidae | 804080 | |
| Lutjanidae | | Schilbeidae | 807136 | |
| <i>Caesio erythrogaster</i> | 807389 | Siluridae | 807136 | |
| <i>Scolopsis marginifer</i> | 807389 | <i>Ompok bimaculatus</i> | 807136 | |
| Monodactylidae | | <i>Wallagonia attu</i> | 804080 | |
| <i>Monodactylus argenteus</i> | 807389 | Gymnarchidae | 804080 | |
| Percidae | 806904 | <i>Gymnarchus niloticus</i> | 804080 | |
| Pomadasysidae | | Mormyridae | 804080 | |
| <i>Otoperca aurita</i> | 805473 | Osteoglossidae | 804080 | |
| Serranidae | | <i>Heterotis niloticus</i> | 804080 | |
| <i>Epinephelus fasciatus</i> | 807389 | Esocidae | 809003 | |
| Sparidae | | <i>Esox lucius</i> | 806450 | |
| <i>Boops boops</i> | 805473 | Salmonidae | 804532 | |
| <i>Pagrus pagrus</i> | 805473 | <i>Thymallus arcticus</i> | 804532 | |
| <i>Sparus heterodus</i> | 805473 | Change with age | | |
| Scombridae | | Clupeidae | 804532 | |
| <i>Sarda sarda</i> | 805473 | <i>Clupea harengus</i> | 804532 | |
| Bothidae | | <i>Sprattus sprattus</i> | 804532 | |
| <i>Paralichthys oblongus</i> | 805489 | Geographic variation | | |
| Pleuronectidae | | Clupeidae | 804532 | |
| <i>Hippoglossoides platessoides</i> | 805489 | <i>Clupea harengus</i> | 808486 | |
| Scophthalmidae | | Distribution within habitat | 808486 | |
| <i>Scophthalmus aquosus</i> | 805489 | Catostomidae | | |
| Cottidae | | <i>Catostomus commersoni</i> | | |
| <i>Cottus gobio</i> | 806904 | <i>Catostomus platyrhynchus</i> | | |
| <i>Myoxocephalus octodecemspinosus</i> | 805489 | Seasonal changes | | |
| Icelidae | | Percidae | 807394 | |
| <i>Triglopus murrayi</i> | 805489 | <i>Perca flavescens</i> | 806657 | |
| Scorpaenidae | | <i>Perca fluviatilis</i> | 806658 | |
| <i>Sebastes marinus</i> | 805489 | Cyprinidae | 806658 | |
| Triglidae | | <i>Phoxinus phoxinus</i> | 808216 | |
| <i>Trigla cuculus</i> | 805489 | Esocidae | 806657 | |
| Clupeidae | | <i>Esox lucius</i> | 806658 | |
| <i>Alosa aestivalis</i> | 805489 | Distribution of infection | | |
| Anguillidae | | Dasyatidae | 805470 | |
| <i>Anguilla rostrata</i> | 805489 | <i>Trygon pastinaca</i> | 805470 | |
| Cobitidae | 806904 | Rajidae | 805470 | |
| Cyprinidae | 806904 | <i>Raja clavata</i> | 805470 | |
| Gadidae | 805489 | <i>Raja miraletus</i> | 805470 | |
| <i>Lota lota</i> | 806904 | Blennidae | 805470 | |
| Macrouridae | 805473 | <i>Blennius ocellaris</i> | 805470 | |
| <i>Nezumia naidi</i> | 805489 | Callionymidae | 805470 | |
| Esocidae | | <i>Callionymus maculatus</i> | 805470 | |
| <i>Esox lucius</i> | 806904 | Gobiidae | 805470 | |
| Salmonidae | 806904 | <i>Gobius quadrimaculatus</i> | 805470 | |
| Incidence of infection | | Mullidae | 805470 | |
| Pristidae | 807136 | <i>Mullus barbatus</i> | 805470 | |
| Seylorhinidae | | <i>Mullus surmuletus</i> | 805470 | |
| <i>Seylorhinus caniculus</i> | 805803 | Serranidae | 805470 | |
| Squalidae | | <i>Serranus hepatus</i> | 805470 | |
| <i>Squalus acanthias</i> | 804295 | <i>Serranus cabrilla</i> | 805470 | |
| Polypteromorpha | | Uranoscopidae | 805470 | |
| <i>Polypterus endlicheri</i> | 804080 | <i>Uranoscopus scaber</i> | 805470 | |
| <i>Polypterus senegalus</i> | 804080 | Bothidae | 805470 | |
| Channiformes | | Cynoglossidae | 805470 | |
| <i>Channa marulius</i> | 807136 | <i>Ammocleureus lacteus</i> | 805470 | |
| <i>Channa striatus</i> | 807136 | Soleidae | 805470 | |
| Mastacembelidae | | <i>Solea capellonis</i> | 805470 | |
| Carangidae | | <i>Solea lutea</i> | 805470 | |
| <i>Trachinotus falcatus</i> | 807837 | <i>Solea monochir</i> | 805470 | |
| Centropomidae | | | | |
| <i>Ambassis nama</i> | 807136 | | | |

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|--------------------------------------|----------------------------------|--------|--------------------------------|--------|
| Environmental factors (continued) | Scorpaenidae | | Cyprinidae | 806658 |
| | <i>Scorpaena porcus</i> | 805470 | <i>Rutilus rutilus</i> | 803827 |
| | <i>Scorpaena scrofa</i> | 805470 | | 806657 |
| | <i>Scorpaena ustulata</i> | 805470 | | |
| Nematoda | Triglidæ | | Gadidae | |
| | <i>Aspitrigla cuculus</i> | 805470 | <i>Gadus macrocephalus</i> | 807495 |
| | <i>Trigla gurnardus</i> | 805470 | <i>Phycis blennoides</i> | 805470 |
| | <i>Trigla lyra</i> | 805470 | <i>Pollachius pollachius</i> | 805065 |
| | Gadidae | | <i>Pollachius virens</i> | 805065 |
| | <i>Phycis blennoides</i> | 805470 | <i>Theragra chalcogramma</i> | 807495 |
| | Synodontidae | | Zoarcidae | |
| | <i>Saurus griseus</i> | 805470 | <i>Aprodon corteziensis</i> | 807495 |
| | Salmonidae | | Esocidae | |
| | <i>Salmo salar</i> | 807917 | <i>Esox lucius</i> | 803827 |
| | Intensity of infection | | | 806657 |
| | Dasyatidae | | | 806658 |
| | <i>Trygon pastinaca</i> | 805470 | Synodontidae | |
| | Rajidae | | <i>Saurus griseus</i> | 805470 |
| | <i>Raja clavata</i> | 805470 | Osmeridae | |
| | <i>Raja miraletus</i> | 805470 | <i>Thaleichthys pacificus</i> | 807495 |
| | <i>Raja radiata</i> | 807391 | Salmonidae | 807495 |
| | Squalidae | | <i>Suvelinus fontinalis</i> | 804761 |
| | <i>Squalus acanthias</i> | 807391 | Parasite life history | |
| | Aulorhynchidae | | Carangidae | |
| | <i>Aulorhynchus flavidus</i> | 807495 | <i>Trachurus symmetricus</i> | 808731 |
| | Gasterosteidae | | Scombridae | |
| | <i>Gasterosteus aculeatus</i> | 807495 | <i>Scomber japonicus</i> | 808731 |
| | Syngnathidae | | Cyprinidae | 807266 |
| | <i>Syngnathus crissolineatus</i> | 807495 | Salmonidae | |
| | Ammodytidae | | <i>Oncorhynchus gorbuscha</i> | 807392 |
| | <i>Ammodytes hexapterus</i> | 807495 | Host parasite interactions | |
| | Blenniidae | | Pleuronectidae | |
| | <i>Blennius ocellaris</i> | 805470 | <i>Parophrys vetulus</i> | 808739 |
| | Pholididae | | Hexagrammidae | |
| | <i>Apodichthys flavidus</i> | 807495 | <i>Ophiodon elongatus</i> | 807495 |
| | <i>Pholis lacta</i> | 807495 | Clupeidae | |
| | <i>Pholis ornata</i> | 807495 | <i>Clupea harengus</i> | 804532 |
| | Stichaeidae | | Cyprinidae | |
| | <i>Anoplarchus purpurascens</i> | 807495 | <i>Rhinichthys atratulus</i> | 804093 |
| | Callionymidae | | Intensity of infection | |
| | <i>Callionymus maculatus</i> | 805470 | Scombridae | |
| | Gobiidae | | <i>Euthynnus pelamis</i> | 803510 |
| | <i>Coryphopterus nicholsi</i> | 807495 | Cyprinodontidae | |
| | <i>Gobius quadrimaculatus</i> | 805470 | <i>Fundulus kansae</i> | 807834 |
| | Carangidae | | Seasonal changes | |
| | <i>Trachurus trachurus</i> | 805468 | Cyprinidae | |
| | Centrarchidae | 806642 | <i>Phoxinus phoxinus</i> | 808216 |
| | Embiotocidae | | Treatment for disease | |
| | <i>Cymatogaster aggregata</i> | 807495 | Carangidae | |
| | Mullidae | | <i>Trachurus japonicus</i> | 805564 |
| | <i>Mullus barbatus</i> | 805470 | Parasite life history | |
| | <i>Mullus surmuletus</i> | 805470 | Polypteromorpha | |
| | Perceidae | | <i>Polypterus endlicheri</i> | 804080 |
| | <i>Perca fluviatilis</i> | 803827 | <i>Polypterus senegalus</i> | 804080 |
| | | 806657 | Teleostei | 804171 |
| | | 806658 | | 805698 |
| | Serranidae | | Centropomidae | 804080 |
| | <i>Serranus hepatus</i> | 805470 | <i>Lates niloticus</i> | 804080 |
| | <i>Serranus cabrilla</i> | 805470 | Cichlidae | 804361 |
| | Scombridae | | <i>Pterophyllum</i> | 805853 |
| | <i>Scomber colias</i> | 805472 | <i>Symphysodon</i> | 805853 |
| | Bathymasteridae | | Scophthalmidae | |
| | <i>Ronquillus jordani</i> | 807495 | <i>Scophthalmus maximus</i> | 805803 |
| | Uranoscopidae | | Tetraodontidae | |
| | <i>Uranoscopus scaber</i> | 805470 | <i>Tetraodon fahaka</i> | 804080 |
| | Bothidae | 805470 | Belontiidae | 804361 |
| | <i>Citharichthys stigmaceus</i> | 807495 | Clupeidae | |
| | Cynoglossidae | | <i>Sardina pilchardus</i> | 803972 |
| | <i>Ammopleurus lacteus</i> | 805470 | Characidae | |
| | Pleuronectidae | | <i>Charax magdalenae</i> | 804361 |
| | <i>Lepidopsetta bilineata</i> | 807495 | Citharinidae | 804080 |
| | <i>Platichthys stellatus</i> | 807495 | Cyprinidae | |
| | Soleidae | | <i>Barbus bynni</i> | 804080 |
| | <i>Solea capelloni</i> | 805470 | Gymnoformae | 804361 |
| | <i>Solea lutea</i> | 805470 | Siluriformes | 804361 |
| | <i>Solea monochir</i> | 805470 | Bagridae | 804080 |
| | Agonidae | | Clariidae | 804080 |
| | <i>Agonus acipenserinus</i> | 807495 | Malapteruridae | |
| | Cottidae | 807495 | <i>Malapterurus electricus</i> | 804080 |
| | Hexagrammidae | 807495 | Mochokidae | 804080 |
| | Scorpaenidae | 807495 | Schilbeidae | 804080 |
| | <i>Scorpaena porcus</i> | 805470 | Gymnarchidae | |
| | <i>Scorpaena scrofa</i> | 805470 | <i>Gymnarchus niloticus</i> | 804080 |
| | <i>Scorpaena ustulata</i> | 805470 | Mormyridae | 804080 |
| | <i>Schiasiscus marmoratus</i> | 805538 | Ostecoglossidae | |
| | Triglidæ | | <i>Heterotis niloticus</i> | 804080 |
| | <i>Aspitrigla cuculus</i> | 805470 | Merlucciidae | |
| | <i>Trigla gurnardus</i> | 805470 | <i>Merluccius merluccius</i> | 805803 |
| | <i>Trigla lyra</i> | 805470 | Lophiidae | |
| | Clupeidae | | <i>Lophius piscatorius</i> | 805803 |
| | <i>Clupea harengus</i> | 807495 | Experimental analysis | |
| | Engraulidae | | Gadidae | |
| | <i>Engraulis encrasicolus</i> | 807765 | <i>Gadus morhua</i> | 807403 |

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|------------------------------------|--------|----------------------------------------|--------|-----------------------|
| Salmonidae | | Scombridae | | Environmental factors |
| <i>Oncorhynchus nerka</i> | 807404 | <i>Euthynnus pelamis</i> | 805563 | (continued) |
| Host specificity | | <i>Euthynnus yaito</i> | 803976 | |
| Gasterosteidae | | <i>Pneumatophorus japonicus</i> | 805563 | |
| <i>Gasterosteus aculeatus</i> | 804123 | <i>Thunnus alalunga</i> | 805803 | |
| <i>Pungitius pungitius</i> | 804123 | Trichiuridae | | Acanthocephala |
| Gobiidae | | <i>Trichiurus haumela</i> | 803976 | |
| <i>Gobius microps</i> | 804123 | Bothidae | | |
| Bathydraconidae | | <i>Pseudorhombus javanicus</i> | 803976 | |
| <i>Parachaenichthys charcoti</i> | 805051 | Soleidae | | |
| Percidae | | <i>Solea solea</i> | 805803 | |
| <i>Acerina cernua</i> | 804123 | Platycephaloidei | | |
| <i>Perca fluviatilis</i> | 804123 | <i>Thysanophrys nematophthalmus</i> | 803976 | |
| Anguillidae | | Triglidae | | |
| <i>Anguilla anguilla</i> | 804123 | <i>Trigla lucerna</i> | 805803 | |
| Cobitidae | | Clupeidae | | |
| <i>Noemacheilus barbatulus</i> | 804123 | <i>Clupea pallasii</i> | 805563 | |
| Cyprinidae | | Congridae | | |
| <i>Ctenopharyngodon idella</i> | 807279 | <i>Conger conger</i> | 805803 | |
| <i>Cyprinus carpio</i> | 807279 | Cyprinidae | | |
| <i>Hypophthalmichthys molitrix</i> | 807279 | <i>Barbus binotatus</i> | 803976 | |
| Esocidae | | <i>Tor tor</i> | 806718 | |
| <i>Esox lucius</i> | 804123 | Bagridae | | |
| Salmonidae | 804123 | <i>Myxus sceneghala</i> | 806429 | |
| Experimental analysis | 1 | <i>Myxus vittatus</i> | 806926 | |
| Percidae | | Clariidae | | |
| <i>Perca fluviatilis</i> | 806444 | <i>Clarias batrachus</i> | 806429 | |
| Cobitidae | | Heteropneustidae | | |
| <i>Noemacheilus barbatulus</i> | 806444 | <i>Heteropneustes fossilis</i> | 806429 | |
| Cyprinidae | | Malapteruridae | | |
| <i>Leuciscus cephalus</i> | 806444 | <i>Malapterurus electricus</i> | 805112 | |
| <i>Scardinius erythrophthalmus</i> | 806444 | Schilbeidae | | |
| <i>Tinca tinca</i> | 806444 | <i>Eutropichthys vacha</i> | 804911 | |
| Gadidae | | | 806429 | |
| <i>Lota lota</i> | 806444 | | 806926 | |
| Salmonidae | | <i>Pseudotropius garua</i> | 806429 | |
| <i>Salmo gairdneri</i> | 806444 | Siluridae | | |
| Parasite life history | | <i>Wallagonia attu</i> | 806429 | |
| Percidae | | Notopteridae | | |
| <i>Perca fluviatilis</i> | 806444 | <i>Notopterus notopterus</i> | 806930 | |
| Host parasite interactions | | Gadidae | | |
| Squalidae | | <i>Gadus macrocephalus</i> | 805563 | |
| <i>Squalus acanthias</i> | 806190 | <i>Gaidropsarus mediterraneus</i> | 804226 | |
| Centrarchidae | | <i>Molva molva</i> | 805803 | |
| <i>Pomoxis annularis</i> | 803846 | <i>Theragra chalcogramma</i> | 805563 | |
| Ictaluridae | | <i>Trisopterus luscus</i> | 805803 | |
| <i>Ictalurus punctatus</i> | 803846 | Salmonidae | 807396 | |
| Salinity | | <i>Oncorhynchus masou</i> | 805563 | |
| Clupeidae | | Parasites shared with man | | |
| <i>Alosa kessleri</i> | 807748 | Channiformes | 804171 | |
| Distribution of infection | | Clariidae | 804171 | |
| Serranidae | | Acanthocephala | | |
| <i>Morone americana</i> | 806512 | As parasite | | |
| Incidence of infection | | Serranidae | | |
| Salmonidae | | <i>Morone saxatilis</i> | 806649 | |
| <i>Salmo trutta</i> | 807893 | Salmonidae | | |
| Intensity of infection | | <i>Prosopium coulteri</i> | 804294 | |
| Salmonidae | | <i>Prosopium williamsoni</i> | 804294 | |
| <i>Salmo trutta</i> | 807893 | Seasonal changes | | |
| Host specificity | | Incidence of infection | | |
| Percidae | | Anguillidae | | |
| <i>Perca flavescens</i> | 806512 | <i>Anguilla anguilla</i> | 805122 | |
| Serranidae | | Cyprinidae | | |
| <i>Morone americana</i> | 806512 | <i>Vimba vimba</i> | 807046 | |
| Parasite systematics | | Intensity of infection | | |
| Dasyatidae | | Cyprinidae | | |
| <i>Potamotrygon hystrix</i> | 805112 | <i>Vimba vimba</i> | 807046 | |
| Semionotomorpha | | Distribution of infection | | |
| <i>Lepisosteus osseus</i> | 807396 | Acipenseromorpha | 806903 | |
| Channiformes | | Teleostei | 807077 | |
| <i>Channa striatus</i> | 806718 | Gasterosteidae | | |
| Lampridae | | <i>Gasterosteus aculeatus</i> | 806904 | |
| <i>Lampris regius</i> | 805563 | <i>Pungitius</i> | 806904 | |
| Signanidae | | Carangidae | | |
| <i>Signatus striolatus</i> | 803976 | <i>Trachurus trachurus</i> | 805489 | |
| Belontiidae | | Emmelichthyidae | | |
| <i>Trichogaster fasciatus</i> | 806926 | <i>Sinaris</i> | 805489 | |
| Gobiidae | | Percidae | 806904 | |
| <i>Gobius batrachcephalus</i> | 804426 | Sparidae | | |
| Mastacembelidae | | <i>Boops boops</i> | 805473 | |
| <i>Mastacembelus armatus</i> | 806718 | Sphyraenoidae | | |
| | 806930 | <i>Sphyraena barracuda</i> | 805473 | |
| Carangidae | | Pleuronectidae | | |
| <i>Caranx affinis</i> | 803976 | <i>Hippoglossoides platessoides</i> | 805489 | |
| <i>Trachurus japonicus</i> | 805563 | <i>Limanda ferruginea</i> | 805489 | |
| Leiognathidae | | <i>Pleuronectes</i> | 806904 | |
| <i>Gazza minuta</i> | 803976 | Cottidae | | |
| Lutjanidae | | <i>Myoxocephalus</i> | 806904 | |
| <i>Gymnocranius griseus</i> | 803976 | <i>Myoxocephalus octodecemspinosus</i> | 805489 | |
| <i>Lutjanus gibbus</i> | 803976 | Icelidae | | |
| Serranidae | | <i>Trigllops murrayi</i> | 805489 | |
| <i>Cephalopholis sonnerati</i> | 803976 | Triglidae | | |
| Sparidae | | <i>Trigla capensis</i> | 805473 | |
| <i>Pagellus bogaraveo</i> | 805803 | | | |

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|--------------------------------------|-------------------------------|--------|----------------------------------|--------|
| Environmental factors (continued) | Tetraodontidae | | Gadidae | |
| | <i>Liosaccus cutaneus</i> | 805489 | <i>Lota lota</i> | 805898 |
| | Anguillidae | | <i>Pollachius pollachius</i> | 805065 |
| Acanthocephala | <i>Anguilla rostrata</i> | 805489 | <i>Pollachius virens</i> | 805065 |
| | Cyprinidae | 806904 | <i>Theragra chalcogramma</i> | 807495 |
| | Gadidae | 805489 | Zoarcidae | |
| | <i>Lota lota</i> | 806904 | <i>Aprodon corteziannus</i> | 807495 |
| | Macrouridae | | Esocidae | |
| | <i>Nesumia naiardi</i> | 805489 | <i>Esox lucius</i> | 803827 |
| | Esocidae | | | 805898 |
| | <i>Esox lucius</i> | 806904 | | 806657 |
| | Salmonidae | 806904 | | 806658 |
| | Parasite life history | | Retropinnidae | |
| | Salmonidae | | <i>Retropinna retropinna</i> | 807893 |
| | <i>Salmo salar</i> | 807401 | Salmonidae | 807495 |
| | Incidence of infection | | <i>Salmo trutta</i> | 807893 |
| | Carangidae | | <i>Thymallus thymallus</i> | 805898 |
| | <i>Trachurus symmetricus</i> | 808731 | Parasite life history | |
| | Centrarchidae | | Salmonidae | |
| | <i>Lepomis</i> | 805611 | <i>Oncorhynchus kisutch</i> | 807816 |
| | <i>Lepomis macrochirus</i> | 804299 | <i>Salvelinus fontinalis</i> | 807816 |
| | Citharinidae | | Host parasite interactions | |
| | <i>Citharinus citharus</i> | 804080 | Gasterosteidae | |
| | Cyprinidae | | <i>Gasterosteus aculeatus</i> | 804496 |
| | <i>Phoxinus phoxinus</i> | 808216 | Catostomidae | |
| | Ictaluridae | | <i>Catostomus clarki</i> | 804824 |
| | <i>Ictalurus punctatus</i> | 803846 | <i>Catostomus insignis</i> | 804824 |
| | Mochokidae | | Intensity of infection | |
| | <i>Synodontis batensoda</i> | 804080 | Cyprinidae | |
| | Osteoglossidae | | <i>Barbus barbus</i> | 804589 |
| | <i>Heterotis niloticus</i> | 804080 | Incidence of infection | |
| | Osmeridae | | Scombridae | |
| | <i>Osmerus mordax</i> | 808731 | <i>Scomber colias</i> | 805472 |
| | Salmonidae | | Parasite life history | |
| | <i>Salvelinus namaycush</i> | 807816 | Cyprinidae | |
| | <i>Thymallus arcticus</i> | 806450 | <i>Semotilus atromaculatus</i> | 804996 |
| | Experimental analysis | | Host specificity | |
| | Salmonidae | | Gasterosteidae | |
| | <i>Oncorhynchus kisutch</i> | 807816 | <i>Gasterosteus aculeatus</i> | 804123 |
| | <i>Salvelinus fontinalis</i> | 807816 | Bathydraconidae | |
| | Change with age | | <i>Parachaenichthys charcoti</i> | 805051 |
| | Gasterosteidae | | Percidae | |
| | <i>Gasterosteus aculeatus</i> | 805979 | <i>Acerina cernua</i> | 804123 |
| | Distribution within habitat | | <i>Perca fluviatilis</i> | 804123 |
| | Catostomidae | | Anguillidae | |
| | <i>Catostomus catostomus</i> | 808486 | <i>Anguilla anguilla</i> | 804123 |
| | <i>Catostomus commersoni</i> | 808486 | Cobitidae | |
| | Seasonal changes | | <i>Noemacheilus barbatulus</i> | 804123 |
| | Gasterosteidae | | Cyprinidae | 804123 |
| | <i>Gasterosteus aculeatus</i> | 805965 | Esocidae | |
| | Percidae | | <i>Esox lucius</i> | 804123 |
| | <i>Perca flavescens</i> | 807394 | Salmonidae | 804123 |
| | <i>Perca fluviatilis</i> | 806657 | Host parasite interactions | |
| | | 806658 | Centrarchidae | |
| | Clupeidae | | <i>Lepomis macrochirus</i> | 803767 |
| | <i>Hilsa ilisha</i> | 808577 | Catostomidae | |
| | Cyprinidae | 806657 | <i>Catostomus commersoni</i> | 806850 |
| | | 806658 | Anatomy | |
| | Esocidae | | Bagridae | |
| | <i>Esox lucius</i> | 806657 | <i>Macrurus gulo</i> | 805691 |
| | | 806658 | Biochemistry | |
| | Distribution of infection | | Bagridae | |
| | Salmonidae | | <i>Macrurus gulo</i> | 805691 |
| | <i>Salmo salar</i> | 807917 | Parasite systematics | |
| | Intensity of infection | | Elasmobranchii | 805861 |
| | Gasterosteidae | | Dasyatidae | |
| | <i>Gasterosteus aculeatus</i> | 804496 | <i>Dasyatis margarita</i> | 805861 |
| | Ammodytidae | | Acipenseromorpha | 805861 |
| | <i>Ammodytes hexapterus</i> | 807495 | Amionomorpha | 805861 |
| | Carangidae | | Teleostei | 805861 |
| | <i>Trachurus trachurus</i> | 805468 | Gasterosteidae | |
| | Centrarchidae | | <i>Pungitius pungitius</i> | 806261 |
| | <i>Micropterus salmoides</i> | 806642 | Carangidae | |
| | Embiotocidae | | <i>Caesimomus glaucus</i> | 805861 |
| | <i>Cymatogaster aggregata</i> | 807495 | Mullidae | |
| | Percidae | | <i>Mullus surmuletus</i> | 805861 |
| | <i>Perca fluviatilis</i> | 803827 | Percidae | |
| | | 806657 | <i>Perca fluviatilis</i> | 806261 |
| | | 806658 | Sparidae | |
| | Pleuronectidae | | <i>Pagellus mormyrus</i> | 805861 |
| | <i>Platichthys stellatus</i> | 807495 | Scombridae | |
| | Agonidae | | <i>Euthynnus pelamis</i> | 805485 |
| | <i>Agonus acipenserinus</i> | 807495 | <i>Thunnus</i> | 805861 |
| | Cottidae | 807495 | Clupeidae | |
| | Anguillidae | | <i>Hilsa ilisha</i> | 805398 |
| | <i>Anguilla anguilla</i> | 803827 | Anguillidae | |
| | Cyprinidae | 806657 | <i>Anguilla anguilla</i> | 806261 |
| | | 806658 | Cyprinidae | 806261 |
| | <i>Rutilus rutilus</i> | 803827 | <i>Barbus meridionalis</i> | 805861 |
| | Ictaluridae | | <i>Rohtec cotio</i> | 806719 |
| | <i>Ictalurus natalis</i> | 806642 | | 806929 |
| | Siluridae | | | 807406 |
| | <i>Silurus glanis</i> | 805898 | | |

| | | Environmental factors | |
|------------------------------------|--------|-----------------------------------|--------|
| | | (continued) | |
| Gadidae | | Polydactylus sextarius | 804280 |
| <i>Lota lota</i> | 805861 | Scombridae | |
| | 806261 | <i>Rastrelliger kanagurta</i> | 807977 |
| Zoaridae | | <i>Scomber tapeinocephalus</i> | 807928 |
| <i>Zoarces viviparus</i> | 806261 | Pleuronectiformes | 804972 |
| Esocidae | | Pleuronectidae | |
| <i>Esox lucius</i> | 806261 | <i>Glyptocephalus cynoglossus</i> | 808140 |
| Osmeridae | | <i>Lepidopsetta bilineata</i> | 807906 |
| <i>Osmerus eperlanus</i> | 806261 | <i>Microstomus pacificus</i> | 808717 |
| Salmonidae | | Congiopodoidei | |
| <i>Thymallus arcticus</i> | 803938 | <i>Hypodytes rubripinnis</i> | 805205 |
| Nemertea | | Cyclopteridae | |
| As food for fish | | <i>Liparis pulchellus</i> | 807635 |
| Dasyatidae | | Hexagrammidae | |
| <i>Dasyatis centroura</i> | 804187 | <i>Oxylebiscus pictus</i> | 807230 |
| Sciaenidae | | Scorpaenidae | 807230 |
| <i>Microgogon undulatus</i> | 808663 | Balistidae | |
| As predator | | <i>Monacanthus cirrhifer</i> | 805205 |
| Nototheniidae | | <i>Rudarius ercodes</i> | 805205 |
| <i>Trematomus bernacchi</i> | 805048 | <i>Sufflamen verres</i> | 808465 |
| Annelida | | Clupeidae | |
| As food for fish | | <i>Alosa brashnikovii</i> | 807717 |
| Gobiidae | | <i>Alosa kessleri</i> | 807717 |
| <i>Chasmichthys dolichognathus</i> | 806228 | <i>Ilisha indica</i> | 804285 |
| Anguillidae | | <i>Opisthonema oglinum</i> | 807033 |
| <i>Anguilla anguilla</i> | 805974 | Anguillidae | |
| <i>Anguilla australis</i> | 808362 | <i>Anguilla anguilla</i> | 806449 |
| <i>Anguilla dieffenbachii</i> | 808362 | Ariidae | |
| Elopidae | | <i>Arius heudeloti</i> | 804552 |
| <i>Elops saurus</i> | 808190 | Plotosidae | |
| Polychaeta | | <i>Plotosus anguillaris</i> | 805205 |
| As food for fish | | Gadidae | |
| Dasyatidae | | <i>Gadus morhua</i> | 805283 |
| <i>Dasyatis centroura</i> | 804187 | | 807421 |
| Rajidae | | | 808035 |
| Holocentridae | 806763 | <i>Gaidropsarus mediterraneus</i> | 805656 |
| Blenniidae | 805656 | <i>Melanogrammus aeglefinus</i> | 807421 |
| <i>Hypsoblennius</i> | 807230 | Merlucciidae | |
| Clinidae | 807230 | <i>Merluccius productus</i> | 808717 |
| <i>Cristiceps argentatus</i> | 805656 | Ophidiidae | |
| Pholididae | | <i>Otophidium taylori</i> | 807230 |
| <i>Enedrias nebulosus</i> | 805205 | Zoaridae | |
| Tripterygiidae | | <i>Lycodopsis pacifica</i> | 807500 |
| <i>Tripterygion tripteronotus</i> | 805656 | Gobiesociformes | 805656 |
| Gobiidae | | Argentinidae | |
| | 805656 | <i>Argentina sphyraena</i> | 804534 |
| | 806634 | Alepisauridae | |
| | 807092 | <i>Alepisaurus</i> | 807697 |
| <i>Boleophthalmus dussumieri</i> | 805722 | Myciophidae | 805924 |
| <i>Thorogobius ephippiatus</i> | 805403 | Oligochaeta | |
| Labridae | | As food for fish | |
| <i>Halichoeres poecilopterus</i> | 805205 | Acipenseromorpha | |
| <i>Halichoeres tenuispinnis</i> | 805205 | <i>Acipenser gueldenstaedti</i> | 807671 |
| <i>Pinelometopon pulchrum</i> | 807230 | <i>Acipenser ruthenus</i> | 807671 |
| <i>Pseudolabrus japonicus</i> | 805205 | Channiformes | |
| Branchiostegidae | | <i>Channa striatus</i> | 806966 |
| <i>Caulolatilus princeps</i> | 807230 | Mastacembelidae | |
| Chaetodontidae | | <i>Mastacembelus armatus</i> | 808579 |
| Embiotocidae | | Cottidae | |
| <i>Embiotoca jacksoni</i> | 807188 | <i>Cottus beldingi</i> | 808721 |
| <i>Hypsurus caryi</i> | 807188 | <i>Cottus gobio</i> | 805601 |
| <i>Phanerodon furcatus</i> | 807188 | Anguillidae | |
| <i>Rhacochilus toxotes</i> | 807188 | <i>Anguilla anguilla</i> | 806449 |
| <i>Rhacochilus vacca</i> | 807188 | Characidae | |
| Gerreidae | 805205 | <i>Acestrorhynchus</i> | 807120 |
| Kyphosidae | | Cyprinidae | 804897 |
| <i>Girella nigricans</i> | 807230 | <i>Blicca bjoerkna</i> | 804076 |
| <i>Medialuna californiensis</i> | 807230 | <i>Cyprinus carpio</i> | 807690 |
| <i>Microcanthus strigatus</i> | 807092 | <i>Gobio gobio</i> | 804077 |
| Lethrinidae | 808582 | <i>Leuciscus cephalus</i> | 808460 |
| Lutjanidae | 806763 | <i>Leuciscus leuciscus</i> | 805118 |
| Mullidae | | | 805956 |
| <i>Mulloidichthys dentatus</i> | 808465 | | 808972 |
| Pomacentridae | | Mormyridae | |
| <i>Chromis punctipinnis</i> | 807092 | Amblyopsidae | |
| <i>Hypsypops rubicunda</i> | 807230 | <i>Chologaster agassizi</i> | 804436 |
| Pomadasyidae | | Young | |
| <i>Anisotremus davidsoni</i> | 807230 | Centrarchidae | |
| <i>Anisotremus interruptus</i> | 808465 | <i>Micropterus salmoides</i> | 806131 |
| <i>Haemulon sexfasciatum</i> | 808465 | Percidae | |
| <i>Xenistius californiensis</i> | 807230 | <i>Perca fluviatilis</i> | 806131 |
| Sciaenidae | | <i>Stizostedion lucioperca</i> | 806131 |
| <i>Cheliotrema saturnum</i> | 807230 | Esocidae | |
| <i>Johnius dussumieri</i> | 806372 | <i>Esox lucius</i> | 806131 |
| <i>Microgogon undulatus</i> | 808663 | Body content | |
| <i>Pseudotolithus elongatus</i> | 805648 | Biochemistry | 808232 |
| Serranidae | | As food for fish | 808232 |
| <i>Paralabrax clathratus</i> | 807229 | Hirudinea | |
| <i>Paralabrax nebulifer</i> | 807230 | As food for fish | |
| Sparidae | | Acipenseromorpha | |
| <i>Chrysophrys auratus</i> | 806043 | <i>Acipenser ruthenus</i> | 808444 |
| <i>Lagodon rhomboides</i> | 808663 | Percidae | |
| Polynemoidi | | <i>Perca flavescens</i> | 807446 |
| | | Salmonidae | |
| | | <i>Salmo salar</i> | 807440 |

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|--------------------------------------|---------------------------------|-------------------------------------|-------------------------------|--------|
| Environmental factors (continued) | As parasite | | Characidae | |
| | Salmonidae | | <i>Alestes dageti</i> | 805053 |
| | <i>Prosopium coulteri</i> | 804294 | <i>Micralestes acutidens</i> | 805053 |
| | <i>Prosopium williamsoni</i> | 804294 | Cyprinidae | 806484 |
| | Fry | | <i>Gila elegans</i> | 807794 |
| | Salmonidae | | <i>Gila robusta</i> | 807794 |
| | <i>Oncorhynchus tshawytscha</i> | 808541 | <i>Gobio gobio</i> | 804077 |
| | Prophylactic treatment | 808539 | <i>Leuciscus cephalus</i> | 808460 |
| | Seasonal changes | | <i>Richardsonius egregius</i> | 808730 |
| | Incidence of infection | | Gadidae | |
| Cyprinidae | | <i>Gaidropsarus mediterraneus</i> | 805656 | |
| <i>Vimba vimba</i> | 807046 | Salmonidae | | |
| Intensity of infection | | <i>Salmo salar</i> | 807440 | |
| Cyprinidae | | Fry | | |
| <i>Vimba vimba</i> | 807046 | Salmonidae | | |
| Distribution of infection | | <i>Oncorhynchus kisutch</i> | 806024 | |
| Teleostei | 807077 | Young | | |
| Salmonidae | | Centrarchidae | | |
| <i>Oncorhynchus kisutch</i> | 807067 | <i>Micropterus salmoides</i> | 806131 | |
| Incidence of infection | | Percidae | | |
| Squalidae | | <i>Perca fluviatilis</i> | 806131 | |
| <i>Squalus acanthias</i> | 807391 | <i>Stizostedion lucioperca</i> | 806131 | |
| Change with age | | Esocidae | | |
| Cyprinidae | 807788 | <i>Esox lucius</i> | 806131 | |
| Seasonal changes | | As parasite | | |
| Catostomidae | | Teleostei | 803557 | |
| <i>Catostomus commersoni</i> | 806850 | Crustacea | | |
| Intensity of infection | | Description and occurrence | | |
| Percidae | | As food for fish | | |
| <i>Perca fluviatilis</i> | 803827 | Centrarchidae | | |
| Cyprinidae | | <i>Pomoxis annularis</i> | 808466 | |
| <i>Rutilus rutilus</i> | 803827 | Clupeidae | | |
| Esocidae | | <i>Dorosoma petenense</i> | 808466 | |
| <i>Esox lucius</i> | 803827 | Salmonidae | | |
| Host parasite interactions | | <i>Salmo gairdneri</i> | 808466 | |
| Catostomidae | | As food for fish | | |
| <i>Catostomus clarki</i> | 804824 | Dasyatidae | | |
| <i>Catostomus insignis</i> | 804824 | <i>Dasyatis centroura</i> | 804187 | |
| Intensity of infection | | Rajidae | | |
| Change with age | | Squalidae | | |
| Cyprinidae | | <i>Somniosus microcephalus</i> | 807348 | |
| <i>Rhinichthys atratulus</i> | 807788 | Acipenseromorpha | | |
| Parasite life history | | <i>Acipenser gueldenstaedti</i> | 807671 | |
| Seasonal changes | | <i>Acipenser ruthenus</i> | 807671 | |
| Blenniidae | | | 808431 | |
| <i>Blennius pholis</i> | 803869 | 808444 | | |
| Host specificity | | <i>Scaphirhynchus platyrhynchus</i> | 807842 | |
| Cyprinidae | | Teleostei | 806023 | |
| <i>Ctenopharyngodon idella</i> | 807279 | Holocentridae | 806763 | |
| <i>Cyprinus carpio</i> | 807279 | <i>Holocentrus suborbitalis</i> | 808465 | |
| <i>Hypophthalmichthys molitrix</i> | 807279 | <i>Myripristis leiognathus</i> | 808465 | |
| Host parasite interactions | | Channiformes | | |
| Seasonal changes | | <i>Channa marulius</i> | 806966 | |
| Blenniidae | | <i>Channa striata</i> | 806966 | |
| <i>Blennius pholis</i> | 803869 | Aulorhynchidae | | |
| Parasite systematics | | <i>Aulichthys japonicus</i> | 805205 | |
| Host specificity | | Gasterosteidae | | |
| Acipenseromorpha | | <i>Gasterosteus aculeatus</i> | 805961 | |
| <i>Acipenser sturio</i> | 804221 | | 805965 | |
| Gasterosteidae | | | 806851 | |
| <i>Gasterosteus aculeatus</i> | 804221 | <i>Pungitius pungitius</i> | 807256 | |
| Syngnathidae | | Syngnathidae | 806851 | |
| <i>Syngnathus typhle</i> | 804221 | <i>Hippocampus coronatus</i> | 805205 | |
| Centrarchidae | | <i>Syngnathus californiensis</i> | 807230 | |
| <i>Micropterus salmoides</i> | 804221 | <i>Syngnathus nigrolineatus</i> | 808456 | |
| Percidae | | <i>Syngnathus phlegon</i> | 807715 | |
| <i>Perca fluviatilis</i> | 804221 | <i>Syngnathus schlegelii</i> | 805205 | |
| <i>Stizostedion lucioperca</i> | 804221 | <i>Urocampus rukuzeus</i> | 805205 | |
| Pleuronectidae | | Anabantidae | | |
| <i>Platichthys flesus</i> | 804221 | <i>Ctenopoma muriei</i> | 804708 | |
| Cottidae | 804221 | Belontiidae | | |
| Anguillidae | | <i>Colisa fasciata</i> | 806932 | |
| <i>Anguilla anguilla</i> | 804221 | Blenniidae | 805656 | |
| Cobitidae | | | 807092 | |
| <i>Noemacheilus barbatulus</i> | 804221 | <i>Hypsoblennius</i> | 807230 | |
| Cyprinidae | 804221 | Chaenopsidae | | |
| Siluridae | | <i>Acanthemblemaria macrospilus</i> | 808465 | |
| <i>Silurus glanis</i> | 804221 | <i>Chaenopsis alepidota</i> | 808465 | |
| Gadidae | | Clinidae | 807230 | |
| <i>Lota lota</i> | 804221 | <i>Cristiceps argentatus</i> | 805656 | |
| Esocidae | | <i>Labrisomus xanti</i> | 808465 | |
| <i>Esox lucius</i> | 804221 | Pholididae | | |
| Salmonidae | 804221 | <i>Enedrias nebulosus</i> | 805205 | |
| Arthropoda | | Tripterygiidae | | |
| Chilopoda | | <i>Tripterygion ethostoma</i> | 807092 | |
| As food for fish | | <i>Tripterygion tripteronotus</i> | 805656 | |
| Acipenseromorpha | | Gobiidae | | |
| <i>Scaphirhynchus platyrhynchus</i> | 807842 | | 806634 | |
| Arachnida | | | 806763 | |
| As food for fish | | <i>Amblyeleotris japonicus</i> | 807092 | |
| Blenniidae | 805656 | <i>Boleophthalmus dussumieri</i> | 803757 | |
| Sciaenidae | | | 805722 | |
| <i>Pseudosciaena coibor</i> | 808586 | | | |

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| <i>Chasmichthys dolichognathus</i> | 806228 | Lobotidae | | Environmental factors |
| <i>Chasmichthys gulosus</i> | 806228 | <i>Datnioides quadrifasciatus</i> | 808579 | (continued) |
| <i>Gobius niger</i> | 806118 | Lutjanidae | 806763 | |
| <i>Gobius ophiocephalus</i> | 806118 | <i>Lutjanus argentiventris</i> | 808465 | |
| <i>Gobius paganellus</i> | 806118 | <i>Lutjanus jahngarah</i> | 806964 | |
| <i>Philypnodon breviceps</i> | 808362 | <i>Lutjanus novemfasciatus</i> | 808217 | Crustacea |
| <i>Rhinogobius pflaumi</i> | 805205 | <i>Lutjanus russelli</i> | 807092 | |
| <i>Sagamia genionema</i> | 805205 | Mullidae | | |
| <i>Scartelae viridis</i> | 809057 | <i>Mulloidichthys dentatus</i> | 808465 | |
| <i>Thorogobius ephippiatus</i> | 805403 | <i>Upeneus sulphureus</i> | 807092 | |
| Labridae | | Pempheridae | | |
| <i>Bodianus diplotaenia</i> | 808465 | <i>Pempheris</i> | 807092 | |
| <i>Duymaeria flagellifera</i> | 805205 | Percidae | | |
| <i>Halichoeres pocillopterus</i> | 805205 | <i>Perca flavescens</i> | 807446 | |
| <i>Halichoeres pomicinctus</i> | 807230 | <i>Stizostedion canadense</i> | 804525 | |
| <i>Halichoeres tenuispinnis</i> | 805205 | <i>Stizostedion lucioperca</i> | 806484 | |
| <i>Oxyulius californica</i> | 807230 | <i>Stizostedion vitreum</i> | 806115 | |
| <i>Pimelometopon pulchrum</i> | 807188 | | 807791 | |
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| <i>Pseudolabrus japonicus</i> | 805205 | Plesiopidae | | |
| <i>Thalassoma lucasanum</i> | 808465 | <i>Plesiops melas</i> | 807092 | |
| Mastacembelidae | | Pomacentridae | 807092 | |
| <i>Mastacembelus armatus</i> | 808579 | <i>Abudefduf troschelii</i> | 808465 | |
| Mugiloidae | 807092 | <i>Chromis atrilobata</i> | 808465 | |
| <i>Mugil brasiliensis</i> | 808189 | <i>Chromis punctipinnis</i> | 807230 | |
| <i>Mugil cephalus</i> | 807322 | <i>Hypsypops rubicunda</i> | 807230 | |
| <i>Mugil curema</i> | 808189 | <i>Pomacentrus jenkinsi</i> | 805106 | |
| <i>Mugil incilis</i> | 808189 | Pomadasyidae | | |
| <i>Mugil saliens</i> | 807322 | <i>Anisotremus davidsoni</i> | 807230 | |
| Nototheniidae | | <i>Anisotremus interruptus</i> | 808465 | |
| <i>Notothenia gibberifrons</i> | 808011 | <i>Lythrum flaviguttatum</i> | 808465 | |
| <i>Trematomus newnesi</i> | 808011 | <i>Microlepidotus inornatus</i> | 808465 | |
| Apogonidae | | <i>Pomadasys hatai</i> | 808579 | |
| <i>Apogon doederleini</i> | 807092 | <i>Xenichthys xanti</i> | 808465 | |
| <i>Apogon retrosella</i> | 808465 | <i>Xenistius californiensis</i> | 807230 | |
| Branchiostegidae | | Pseudochromidae | | |
| <i>Caulolatilus princeps</i> | 807230 | <i>Dampiera spiloptera</i> | 807092 | |
| Carangidae | | Sciaenidae | 808579 | |
| <i>Carangoides malabaricus</i> | 807978 | <i>Cheilodroma saturnum</i> | 807230 | |
| <i>Caranx marginatus</i> | 808465 | <i>Cynoscion nobilis</i> | 807230 | |
| <i>Decapterus punctatus</i> | 807276 | <i>Cynoscion virescens</i> | 807029 | |
| <i>Gnathodon speciosus</i> | 808465 | <i>Jobinus dussumieri</i> | 806372 | |
| <i>Selar crumenophthalmus</i> | 808465 | <i>Microgobius undulatus</i> | 808663 | |
| <i>Trachinotus carolinus</i> | 807034 | <i>Pareques viola</i> | 808465 | |
| | 807837 | <i>Pseudosciaena coibor</i> | 808586 | |
| <i>Trachinotus falcatus</i> | 807837 | <i>Pseudosciaena diacanthus</i> | 808570 | |
| Centrarchidae | | <i>Pseudotolithus elongatus</i> | 805648 | |
| <i>Micropterus punctulatus</i> | 807864 | <i>Pseudotolithus senegalensis</i> | 805648 | |
| <i>Micropterus salmoides</i> | 807807 | <i>Pseudotolithus typus</i> | 805648 | |
| <i>Pomoxis annularis</i> | 808796 | <i>Umbrina xanti</i> | 808465 | |
| Centropomidae | | Serranidae | | |
| <i>Ambassis nama</i> | 806932 | <i>Alphistes multiguttatus</i> | 808465 | |
| Chaetodontidae | 807092 | <i>Epinephelus caeruleopunctatus</i> | 807092 | |
| <i>Heniochus nigrirostis</i> | 808465 | <i>Morone saxatilis</i> | 806649 | |
| Cichlidae | 804217 | <i>Mycteroperca rosacea</i> | 808465 | |
| <i>Haplochromis</i> | 806349 | <i>Paralabrax clathratus</i> | 807188 | |
| <i>Hemihaplochromis multicolor</i> | 804708 | | 807229 | |
| Coryphaenidae | | | 807230 | |
| <i>Coryphaena hippurus</i> | 805449 | <i>Paralabrax nebulifer</i> | 807188 | |
| Embiotocidae | 807230 | | 807230 | |
| <i>Amphistichus argenteus</i> | 805609 | Sparidae | | |
| <i>Amphistichus koelzi</i> | 805609 | <i>Chrysophrys auratus</i> | 806043 | |
| <i>Amphistichus rhodotus</i> | 805609 | <i>Lagodon rhomboides</i> | 808663 | |
| <i>Brachyistius frenatus</i> | 805609 | Theraponidae | | |
| <i>Cymatogaster aggregata</i> | 805609 | <i>Therapon oxyrhynchus</i> | 805205 | |
| <i>Ditrema temminckii</i> | 805205 | Polynemoidae | 804280 | |
| <i>Embiotoca jacksoni</i> | 805609 | <i>Eleutheronema tetradactylus</i> | 808579 | |
| | 807188 | Scombridae | | |
| <i>Embiotoca lateralis</i> | 805609 | <i>Euthynnus alletteratus</i> | 806419 | |
| <i>Hyperprosopon anale</i> | 805609 | <i>Euthynnus pelamis</i> | 806214 | |
| <i>Hyperprosopon argenteum</i> | 805609 | | 806419 | |
| <i>Hyperprosopon ellipticum</i> | 805609 | | 808364 | |
| <i>Hypsurus caryi</i> | 805609 | | 808664 | |
| | 807188 | <i>Scomber tapinocephalus</i> | 807928 | |
| <i>Phanerodon furcatus</i> | 805609 | <i>Thunnus</i> | 806419 | |
| | 807188 | | 808147 | |
| <i>Rhacochilus toxotes</i> | 805609 | <i>Thunnus alalunga</i> | 808364 | |
| | 807188 | | 808474 | |
| <i>Rhacochilus vacca</i> | 805609 | | 808982 | |
| | 807188 | <i>Thunnus albacares</i> | 805449 | |
| <i>Zalemblus rosaceus</i> | 805609 | | 808473 | |
| Ephippidae | | | 808664 | |
| <i>Drepane punctata</i> | 808579 | <i>Thunnus obesus</i> | 808982 | |
| Gerreidae | 805205 | Centrolophidae | 808473 | |
| Grammistidae | | <i>Schedophilus pamarco</i> | 806775 | |
| <i>Rypticus bicolor</i> | 808465 | Pleuronectiformes | 804972 | |
| Kyphosidae | | Bothidae | | |
| <i>Cirella melanichthys</i> | 807092 | <i>Paralichthys californicus</i> | 807230 | |
| <i>Cirella nigricans</i> | 807230 | <i>Xystreurys loiepis</i> | 807188 | |
| <i>Hermosilla azurea</i> | 807230 | Pleuronectidae | | |
| <i>Medialuna californiensis</i> | 807230 | <i>Atheresthes stomias</i> | 808717 | |
| <i>Microcanthus strigatus</i> | 807092 | <i>Eopsetta jordani</i> | 808717 | |
| Letrinidae | 808582 | | | |

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| <i>Oncorhynchus</i> | 807484 | Galaxiidae | | | |
| <i>Oncorhynchus gorbusha</i> | 804955 | <i>Galaxias</i> | 803771 | Environmental factors | |
| | 805432 | Use in biological control | | (continued) | |
| | 807731 | Vascular plants | | | |
| <i>Oncorhynchus keta</i> | 808910 | Salmonidae | | | |
| | 804955 | <i>Salmo gairdneri</i> | 808798 | Crustacea | |
| | 805432 | Branchiopoda | | | |
| | 806646 | As food for fish | | | |
| | 807443 | Percidae | | | |
| | 807731 | <i>Perca fluviatilis</i> | 806514 | | |
| <i>Oncorhynchus kisutch</i> | 808910 | Cyprinidae | 804897 | | |
| | 808526 | Copepoda | | | |
| <i>Oncorhynchus nerka</i> | 808910 | Experimental analysis | | | |
| | 805432 | Cyprinodontidae | | | |
| | 806851 | <i>Fundulus chrysotus</i> | 804917 | | |
| 807256 | | <i>Jordanella floridae</i> | 804917 | | |
| | 807800 | Description and occurrence | | | |
| | 808910 | Clupeidae | | | |
| | 808911 | <i>Alosa kessleri</i> | 807712 | | |
| <i>Prosopium cylindraceum</i> | 807774 | <i>Clupeonella delicatula</i> | 807712 | | |
| <i>Salmo salar</i> | 805961 | As food for fish | | | |
| | 807440 | Synbranchidae | | | |
| <i>Salmo trutta</i> | 805961 | <i>Syngnathus nigrolineatus</i> | 804897 | | |
| | 806621 | <i>Syngnathus phlegon</i> | 807715 | | |
| | 808362 | Gobiidae | | | |
| <i>Salvelinus fontinalis</i> | 806972 | <i>Pomatoschistus marmoratus</i> | 806118 | | |
| <i>Salvelinus namaycush</i> | 808528 | <i>Pomatoschistus microps</i> | 806118 | | |
| <i>Stenodus leucichthys</i> | 806835 | <i>Trimma tevegae</i> | 804275 | | |
| Chauliodontidae | | Nototheniidae | | | |
| <i>Chauliodus sloanei</i> | 805924 | <i>Trematomus borchgrevinki</i> | 805048 | | |
| Gonostomatidae | | Centrarchidae | | | |
| <i>Cyclothone</i> | 807715 | <i>Lepomis macrochirus</i> | 804917 | | |
| <i>Vinciguerria</i> | 807715 | <i>Lepomis punctatus</i> | 804917 | | |
| <i>Vinciguerria nimbaria</i> | 805924 | Clupeidae | | | |
| Experimental analysis | | <i>Clupea harengus</i> | 808047 | | |
| Cyprinidae | | <i>Clupeonella cultriventris</i> | 804897 | | |
| <i>Hypophthalmichthys molitrix</i> | 807653 | <i>Ilisha indica</i> | 804285 | | |
| Larva | | Cobitidae | | | |
| Clupeidae | | <i>Cobitis taenia</i> | 804897 | | |
| <i>Clupeonella delicatula</i> | 807732 | Cyprinidae | 804897 | | |
| Engraulidae | | Amblyopsidae | | | |
| <i>Engraulis encrasicolus</i> | 807670 | <i>Chologaster agassizi</i> | 804436 | | |
| Fry | | Myctophidae | | | |
| Centrarchidae | | <i>Benthoforma simile</i> | 805924 | | |
| <i>Lepomis macrochirus</i> | 803711 | Paralepididae | | | |
| Serranidae | | <i>Paralepis</i> | 807715 | | |
| <i>Morone saxatilis</i> | 806671 | Salmonidae | | | |
| Salmonidae | | <i>Oncorhynchus</i> | 807484 | | |
| <i>Oncorhynchus kisutch</i> | 806024 | Gonostomatidae | | | |
| Young | | <i>Cyclothone</i> | 807715 | | |
| Centrarchidae | | <i>Vinciguerria</i> | 807715 | | |
| <i>Micropterus salmoides</i> | 806131 | Experimental analysis | | | |
| <i>Pomoxis annularis</i> | 806166 | Salmonidae | | | |
| Percidae | | <i>Oncorhynchus keta</i> | 807443 | | |
| <i>Perca fluviatilis</i> | 804054 | Larva | | | |
| <i>Stizostedion canadense</i> | 806131 | Clupeidae | | | |
| <i>Stizostedion lucioperca</i> | 806166 | <i>Clupea harengus</i> | 804396 | | |
| Sciaenidae | 806131 | <i>Clupeonella delicatula</i> | 807732 | | |
| <i>Aplodinotus grunniens</i> | 806166 | <i>Sardina pilchardus</i> | 804529 | | |
| Esocidae | | Idiacanthidae | | | |
| <i>Esox lucius</i> | 806131 | <i>Idiacanthus</i> | 804056 | | |
| Change with age | | Young | | | |
| Cyprinidae | | Engraulidae | | | |
| <i>Hypophthalmichthys molitrix</i> | 807653 | <i>Engraulis ringens</i> | 804334 | | |
| Reservoirs | | As parasite | | | |
| Percidae | | Carangidae | | | |
| <i>Perca fluviatilis</i> | 806259 | <i>Trachinotus carolinus</i> | 807837 | | |
| Salmonidae | | <i>Trachinotus falcatus</i> | 807837 | | |
| <i>Salmo trutta</i> | 806259 | Cyprinidae | | | |
| As symbiont of fish | | <i>Barbus lacerta</i> | 807267 | | |
| Cleaning symbiosis | | As predator | | | |
| Pomacentridae | | Fry | | | |
| <i>Chromis punctipinnis</i> | 807188 | Cyprinidae | 806179 | | |
| As commensal | | Seasonal changes | | | |
| Teleostei | 805070 | Incidence of infection | | | |
| Rachycentridae | | Cyprinidae | | | |
| <i>Rachycentron canadum</i> | 805070 | <i>Vimba vimba</i> | 807046 | | |
| Diodontidae | | Intensity of infection | | | |
| <i>Diodon hystrix</i> | 803654 | Cyprinidae | | | |
| Exocoetidae | | <i>Vimba vimba</i> | 807046 | | |
| <i>Hyporhamphus unifasciatus</i> | 805070 | Distribution of infection | | | |
| As predator | | Icelidae | | | |
| Larva | | <i>Triglops murrayi</i> | 805489 | | |
| Engraulidae | | Cyprinidae | | | |
| <i>Engraulis encrasicolus</i> | 807670 | <i>Aristichthys nobilis</i> | 808235 | | |
| Body content | | <i>Ctenopharyngodon idella</i> | 808235 | | |
| Biochemistry | 808232 | <i>Hypophthalmichthys molitrix</i> | 808235 | | |
| As food for fish | 808232 | Incidence of infection | | | |
| Host and parasite phylogeny | | Gadidae | | | |
| Galaxiidae | | <i>Merlangius merlangus</i> | 807104 | | |
| <i>Galaxias</i> | 803771 | Incidence of infection | | | |
| Parasite systematics | | Rajidae | | | |
| | | <i>Raja radiata</i> | 807391 | | |

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| Environmental factors (continued) | Gasterosteidae | | Alepisauridae | |
| | <i>Gasterosteus aculeatus</i> | 804488 | <i>Alepisaurus</i> | 804887 |
| Crustacea | <i>Gasterosteus wheatlandi</i> | 804488 | Parasite life history | |
| | Labridae | | Heterodontiformes | |
| | <i>Pimelometopon pulchrum</i> | 807188 | <i>Heterodontus philippi</i> | 804310 |
| | Embiotocidae | 803779 | Teleostei | 807293 |
| | Scorpaenidae | | Cyprinidae | |
| | <i>Sebastes alutus</i> | 807909 | <i>Cyprinus carpio</i> | 806454 |
| | Cyprinidae | | Salmonidae | 804878 |
| | <i>Notropis baileyi</i> | 807880 | Host specificity | |
| | <i>Phoxinus phoxinus</i> | 808216 | Gasterosteidae | |
| | Salmonidae | | <i>Gasterosteus aculeatus</i> | 804123 |
| | <i>Salmo salar</i> | 806879 | <i>Pungitius pungitius</i> | 804123 |
| | <i>Salvelinus fontinalis</i> | 803585 | Percidae | |
| Change with age | | | <i>Perca fluviatilis</i> | 804123 |
| Gadidae | | | Pleuronectidae | |
| <i>Onos cimbrius</i> | 806461 | | <i>Reinhardtius hippoglossoides</i> | 803990 |
| <i>Onos mustelus</i> | 806461 | | Scorpaenidae | |
| Seasonal changes | | | <i>Sebastes marinus</i> | 803990 |
| Percidae | | | Cyprinidae | 804123 |
| <i>Perca flavescens</i> | 807394 | | Gadidae | |
| Clupeidae | | | <i>Gadus morhua</i> | 803990 |
| <i>Hilsa ilisha</i> | 808577 | | Salmonidae | 804123 |
| Distribution of infection | | | Host parasite interactions | |
| Gadidae | | | Rajidae | |
| <i>Merlangius merlangus</i> | 804959 | | <i>Raja binoculata</i> | 806975 |
| Salmonidae | | | Squalidae | |
| <i>Salmo salar</i> | 807917 | | <i>Somniosus microcephalus</i> | 807348 |
| Intensity of infection | | | Embiotocidae | 803779 |
| Gasterosteidae | | | Percidae | |
| <i>Gasterosteus aculeatus</i> | 807495 | | <i>Perca fluviatilis</i> | 804134 |
| Syngnathidae | | | Serranidae | |
| <i>Syngnathus crissolineatus</i> | 807495 | | <i>Morone saxatilis</i> | 806649 |
| Ammodytidae | | | Scombridae | |
| <i>Ammodytes hexapterus</i> | 807495 | | <i>Thunnus albacares</i> | 804226 |
| Pholididae | | | Pleuronectidae | 807402 |
| <i>Apodichthys flavidus</i> | 807495 | | <i>Atheresthes stomias</i> | |
| Centrarchidae | | | Hexagrammidae | |
| <i>Ambloplites rupestris</i> | 803939 | | <i>Ophiodon elongatus</i> | 807532 |
| <i>Lepomis gibbosus</i> | 803939 | | Exocoetidae | 806458 |
| <i>Micropterus dolomieu</i> | 803939 | | Cyprinidae | |
| Embiotocidae | | | <i>Notropis baileyi</i> | 803780 |
| <i>Cymatogaster aggregata</i> | 807495 | | Salmonidae | |
| Percidae | | | <i>Salmo trutta</i> | 803772 |
| <i>Perca flavescens</i> | 803939 | | <i>Salvelinus fontinalis</i> | 804134 |
| Pleuronectidae | | | Distribution of infection | 803585 |
| <i>Platichthys stellatus</i> | 807495 | | Serranidae | |
| Agonidae | | | <i>Morone americana</i> | 806512 |
| <i>Agonus acipenserinus</i> | 807495 | | Host specificity | |
| Cottidae | 807495 | | Percidae | |
| Hexagrammidae | 807495 | | <i>Perca flavescens</i> | 806512 |
| Clupeidae | | | Serranidae | |
| <i>Brevoortia</i> | 807787 | | <i>Morone americana</i> | 806512 |
| Gadidae | | | Parasite systematics | 806886 |
| <i>Onos cimbrius</i> | 806461 | | Chimaeromorpha | |
| <i>Onos mustelus</i> | 806461 | | <i>Hydrolagus affinis</i> | 807357 |
| Host parasite interactions | | | Alopiidae | |
| Gadidae | | | <i>Alopias vulpinus</i> | 806839 |
| <i>Merlangius merlangus</i> | 804959 | | Carcharhinidae | |
| Intensity of infection | | | <i>Prionace glauca</i> | 806366 |
| Lampridae | | | Cetorhinidae | |
| <i>Lampris regius</i> | 804887 | | <i>Cetorhinus maximus</i> | 806839 |
| Carangidae | | | Isuridae | |
| <i>Elagatis bipinnulata</i> | 804887 | | <i>Carcharodon carcharias</i> | 806839 |
| <i>Nauarates ductor</i> | 804887 | | <i>Isurus oxyrinchus</i> | 806839 |
| Coryphaenidae | | | Anarhichadidae | |
| <i>Coryphaena equisetis</i> | 804887 | | <i>Anarhichas lupus</i> | 807357 |
| <i>Coryphaena hippurus</i> | 804887 | | Centrarchidae | |
| Echeneidae | | | <i>Lepomis</i> | 807408 |
| <i>Remora remora</i> | 804887 | | Embiotocidae | |
| Embiotocidae | 803779 | | <i>Rhacochilus toxotes</i> | 803778 |
| Gempylidae | | | Kyphosidae | |
| <i>Gempylus serpens</i> | 804887 | | <i>Medialuna californiensis</i> | 803778 |
| Scombridae | 804887 | | Pomacentridae | |
| Sphyraenoidae | | | <i>Chromis punctipinnis</i> | 803778 |
| <i>Sphyraena</i> | 804887 | | <i>Hypsypops rubicunda</i> | 803778 |
| Experimental analysis | | | Serranidae | |
| Carangidae | | | <i>Hypoplectrodes nigriruber</i> | 806494 |
| <i>Seriola quinqueradiata</i> | 807947 | | Scombridae | |
| Incidence of infection | | | <i>Thunnus alalunga</i> | 803952 |
| Scombridae | 804887 | | Trichiuridae | |
| Parasite life history | | | <i>Lepidopus caudatus</i> | 803951 |
| Carangidae | | | Bothidae | |
| <i>Seriola quinqueradiata</i> | 807947 | | <i>Citharichthys spilopterus</i> | 803738 |
| Host parasite interactions | | | <i>Paralichthys</i> | 803738 |
| Semionotomorpha | | | <i>Pseudorhombus dupliciocularis</i> | 806494 |
| <i>Lepisosteus platyrhincus</i> | 804917 | | Cottidae | |
| Centrarchidae | 804490 | | <i>Cottus kessleri</i> | 807531 |
| Coryphaenidae | | | Diodontidae | |
| <i>Coryphaena hippurus</i> | 804887 | | <i>Allomycterus jaculiferus</i> | 803951 |
| Percidae | | | Tetraodontidae | |
| <i>Perca flavescens</i> | 804490 | | <i>Lagocephalus laevigatus</i> | 803738 |
| Scombridae | 804887 | | | |

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|-------------------------------------|--------|-------------------------------------|--------|-----------------------|
| Clupeidae | | Incidence of infection | | Environmental factors |
| <i>Alosa chrysochloris</i> | 807408 | Carangidae | | (continued) |
| Congridae | | <i>Trachinotus carolinus</i> | 804222 | |
| <i>Conger verreauxi</i> | 806839 | Atherinidae | | |
| Cyprinidae | | <i>Atherina boyeri</i> | 806418 | Insecta |
| <i>Chondrostoma nasus</i> | 803940 | Seasonal changes | | |
| Ictaluridae | | Clupeidae | | |
| <i>Ictalurus</i> | 807408 | <i>Brevortia</i> | 807787 | |
| Batrachoidiformes | | Intensity of infection | | |
| <i>Porichthys porosissimus</i> | 803738 | Embiotocidae | | |
| Gadidae | | <i>Cymatogaster aggregata</i> | 807495 | |
| <i>Lota lota</i> | 807408 | Parasite life history | | |
| | 807531 | Exocoetidae | | |
| Macrouridae | | <i>Reporhamphus ihi</i> | 806567 | |
| <i>Macrourus</i> | 807357 | Euphausiacea | | |
| Zoaridae | | Description and occurrence | | |
| <i>Lycodes</i> | 807357 | As food for fish | | |
| <i>Lycodes reticulatus</i> | 807432 | Merlucciidae | | |
| Salmonidae | 807531 | <i>Merluccius productus</i> | 808312 | |
| Distribution of infection | | As food for fish | | |
| Chimaeromorpha | | Rajidae | | |
| <i>Chimaera monstrosa</i> | 807409 | <i>Raja georgiana</i> | 807663 | |
| Rajidae | 807409 | Squalidae | | |
| Squalomorpha | 807409 | <i>Etmopterus spinax</i> | 804695 | |
| Acipenseromorpha | 807409 | <i>Squalus acanthias</i> | 804695 | |
| Teleostei | 807409 | Teleostei | 804695 | |
| Host specificity | | Channichthyidae | | |
| Chimaeromorpha | | <i>Neopagetopsis ionah</i> | 807663 | |
| <i>Chimaera monstrosa</i> | 807409 | Nototheniidae | | |
| Rajidae | 807409 | <i>Notothenia macrocephala</i> | 807663 | |
| Squalomorpha | 807409 | <i>Trematomus bernacchi</i> | 808011 | |
| Acipenseromorpha | 807409 | <i>Trematomus newnesi</i> | 808011 | |
| Teleostei | 807409 | Carangidae | | |
| Salmonidae | | <i>Carangoides malabaricus</i> | 807978 | |
| <i>Oncorhynchus tshawytscha</i> | 806840 | Gempylidae | | |
| <i>Salmo trutta</i> | 806840 | <i>Diplospinus multistriatus</i> | 806067 | |
| Clearing | | <i>Thyriscus atun</i> | 804831 | |
| Parasite systematics | 805357 | Scombridae | | |
| Decapoda | | <i>Scomber tapinocephalus</i> | 807928 | |
| As food for fish | | Trichiuridae | | |
| Centropomidae | | <i>Lepidopus caudatus</i> | 808130 | |
| <i>Lates niloticus</i> | 805378 | <i>Paradiplospinus gracilis</i> | 807663 | |
| Serranidae | | Centrolophidae | | |
| <i>Plectropomus maculatus</i> | 805724 | <i>Schedophilus pamarco</i> | 806775 | |
| Polynemoidei | 804280 | Pleuronectidae | | |
| Bothidae | | <i>Atheresthes stomias</i> | 808717 | |
| <i>Paralichthys lethostigma</i> | 805068 | Scorpaenidae | | |
| Pleuronectidae | | <i>Sebastes flavidus</i> | 807482 | |
| <i>Hippoglossus hippoglossus</i> | 805331 | <i>Sebastes goodei</i> | 808717 | |
| <i>Lyopsetta exilis</i> | 805693 | Gadidae | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Micromesistius australis</i> | 807663 | |
| Poecilidae | | <i>Micromesistius putassou</i> | 808045 | |
| <i>Poecilia vivipara</i> | 803698 | Macrouridae | | |
| Anguillidae | | <i>Macrourus rupestris</i> | 808129 | |
| <i>Anguilla anguilla</i> | 806449 | Merlucciidae | | |
| Clariidae | | <i>Merluccius productus</i> | 804988 | |
| <i>Clarias gariepinus</i> | 804050 | | 808717 | |
| | 804051 | Paralepididae | | |
| Esocidae | | <i>Paralepis atlantica</i> | 807663 | |
| <i>Esox lucius</i> | 804524 | Experimental analysis | | |
| Population changes | | Salmonidae | | |
| Merlucciidae | | <i>Oncorhynchus keta</i> | 807443 | |
| <i>Merluccius productus</i> | 805693 | Insecta | | |
| Seasonal changes | | As food for fish | | |
| Merlucciidae | | Acipenseromorpha | | |
| <i>Merluccius productus</i> | 805693 | <i>Acipenser gueldenstaedti</i> | 807671 | |
| As shelter for fish | | <i>Acipenser ruthenus</i> | 807671 | |
| Gobiidae | | | 808431 | |
| <i>Eleotriodes helsdingeni</i> | 803757 | | 808444 | |
| <i>Vireosa hanae</i> | 803757 | <i>Scaphirhynchus platyrhynchus</i> | 807842 | |
| Egg | | Teleostei | 806023 | |
| Cyclopteridae | | Channiformes | | |
| <i>Careproctus</i> | 804888 | <i>Channa marulius</i> | 806966 | |
| As symbiont of fish | | <i>Channa striatus</i> | 806966 | |
| Gobiidae | | Gasterosteidae | | |
| <i>Amblyeleotris japonicus</i> | 803757 | <i>Gasterosteus aculeatus</i> | 805961 | |
| <i>Cryptocentrus sungami</i> | 804711 | | 805965 | |
| As commensal | | | 806851 | |
| Gobiidae | | | 807256 | |
| <i>Typhlogobius californiensis</i> | 808137 | <i>Pungitius pungitius</i> | 806851 | |
| Isopoda | | Anabantidae | | |
| As food for fish | | <i>Ctenopoma muriei</i> | 804708 | |
| Gempylidae | | Belontiidae | | |
| <i>Thyriscus atun</i> | 804831 | <i>Colisa fasciata</i> | 806932 | |
| Clupeidae | | Blenniidae | 805656 | |
| <i>Alosa pseudoharengus</i> | 807863 | Chnidae | | |
| Osmeridae | | <i>Cristiceps argentatus</i> | 805656 | |
| <i>Osmerus mordax</i> | 807863 | Tripterygiidae | | |
| Salmonidae | | <i>Tripterygion tripteronotus</i> | 805656 | |
| <i>Salvelinus fontinalis</i> | 807863 | Gobiidae | 805656 | |
| As parasite | | | 806634 | |
| Carangidae | | <i>Philypnodon brevipes</i> | 808362 | |
| <i>Trachinotus carolinus</i> | 807837 | | | |
| <i>Trachinotus falcatus</i> | 807837 | | | |

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|--------------------------------------|------------------------------------|--------|---------------------------------|--------|
| Environmental factors (continued) | Mugiloidae | | Pangasiidae | |
| | <i>Mugil cephalus</i> | 807322 | <i>Pangasius pangasius</i> | 808572 |
| | <i>Mugil saliens</i> | 807322 | Schilbeidae | |
| | Carangidae | | <i>Eutropichthys vacha</i> | 808579 |
| | <i>Trachinotus carolinus</i> | 807837 | Siluridae | |
| Insecta | <i>Trachinotus falcatus</i> | 807837 | <i>Ompok pabda</i> | |
| | Centrarchidae | 806273 | <i>Wailagonia attu</i> | 806966 |
| | <i>Lepomis gibbosus</i> | 804897 | Notopteridae | |
| | <i>Micropterus punctulatus</i> | 807864 | <i>Notopterus chitala</i> | 806966 |
| | <i>Micropterus salmoides</i> | 805555 | Gadidae | |
| | | 807807 | <i>Lota lota</i> | 806834 |
| | <i>Pomoxis annularis</i> | 808796 | Amblyopsidae | |
| | Centropomidae | | <i>Chologaster agassizi</i> | 804436 |
| | <i>Ambassis nama</i> | 806932 | Esocidae | |
| | <i>Lates niloticus</i> | 805378 | <i>Esox lucius</i> | 804524 |
| | | 808975 | Umbridae | |
| | Cichlidae | 804217 | <i>Umbra limi</i> | 809049 |
| | <i>Haplochromis</i> | 806349 | Myctophidae | |
| | <i>Hemihaplochromis multicolor</i> | 804708 | <i>Goniichthys coccoi</i> | 806662 |
| | Percidae | | Osmeridae | |
| | <i>Perca flavescens</i> | 807446 | <i>Hypomesus olidus</i> | 806851 |
| | <i>Perca fluviatilis</i> | 807718 | <i>Osmerus mordax</i> | 805541 |
| | <i>Stizostedion canadense</i> | 804525 | | 807862 |
| | <i>Stizostedion lucioperca</i> | 806484 | | 807863 |
| | <i>Stizostedion vitreum</i> | 806115 | Salmonidae | |
| | | 807791 | <i>Coregonus peled</i> | 808353 |
| | Sciaenidae | | <i>Coregonus sardinella</i> | 806851 |
| | <i>Aplodinotus grunniens</i> | 806166 | <i>Oncorhynchus</i> | 807484 |
| | Cottidae | | <i>Oncorhynchus gorbusha</i> | 806643 |
| | <i>Cottus beldingi</i> | 808721 | <i>Oncorhynchus keta</i> | 806645 |
| | <i>Cottus gobio</i> | 805601 | | 808912 |
| | | 805961 | <i>Oncorhynchus kisutch</i> | 808526 |
| | Atherinidae | | <i>Oncorhynchus nerka</i> | 806105 |
| | <i>Menidia extensa</i> | 807835 | | 806851 |
| | Cyprinodontidae | | <i>Oncorhynchus tshawytscha</i> | 807256 |
| | <i>Epiplatys bifasciatus</i> | 808275 | <i>Salmo gairdneri</i> | 806025 |
| | <i>Fundulus kansae</i> | 807834 | | 806105 |
| | Poeciliidae | | | 808526 |
| | <i>Gambusia affinis</i> | 807179 | <i>Salmo salar</i> | 805961 |
| | Clupeidae | | | 806879 |
| | <i>Alosa brashnikovii</i> | 807717 | <i>Salmo trutta</i> | 807440 |
| | <i>Alosa kessleri</i> | 807717 | | 805961 |
| | <i>Alosa pseudoharengus</i> | 807863 | | 806621 |
| | Anguillidae | | | 808362 |
| | <i>Anguilla anguilla</i> | 805974 | <i>Salvelinus alpinus</i> | 805541 |
| | | 806449 | | 806989 |
| | <i>Anguilla australis</i> | 808362 | | 807696 |
| | <i>Anguilla dieffenbachii</i> | 808362 | <i>Salvelinus fontinalis</i> | 805541 |
| | Elopidae | | | 807863 |
| | <i>Elops saurus</i> | 808190 | | 808491 |
| | Megalopidae | | <i>Salvelinus malma</i> | 808876 |
| | <i>Megalops atlantica</i> | 808186 | <i>Salvelinus namaycush</i> | 804200 |
| | <i>Megalops cyprinoides</i> | 809005 | <i>Stenodus leucichthys</i> | 808528 |
| | Characidae | | <i>Stenodus leucichthys</i> | 806835 |
| | <i>Acestrorhampus</i> | 807120 | As food for fish | |
| | <i>Alestes dageti</i> | 805053 | Cyprinodontidae | |
| | <i>Alestes macropthalmus</i> | 804392 | <i>Cyprinodon nevadensis</i> | 806973 |
| | <i>Micralestes acutidens</i> | 805053 | Poeciliidae | |
| | Catostomidae | 808486 | <i>Gambusia affinis</i> | 806973 |
| | <i>Catostomus commersoni</i> | 806115 | | |
| | <i>Catostomus platyrhynchus</i> | 807795 | Fry | |
| | <i>Moxostoma carinatum</i> | 804165 | Serranidae | |
| | Cobitidae | | <i>Morone saxatilis</i> | 806671 |
| | <i>Cobitis taenia</i> | 804897 | Salmonidae | |
| | Cyprinidae | 804897 | <i>Oncorhynchus kisutch</i> | 806024 |
| | <i>Barbus holubi</i> | 807333 | | |
| | <i>Barbus kolus</i> | 806121 | Young | |
| | <i>Barbus sophore</i> | 808571 | Centrarchidae | |
| | <i>Blicca bjoerkna</i> | 806932 | <i>Micropterus salmoides</i> | 806131 |
| | <i>Carassius auratus</i> | 804076 | Percidae | |
| | <i>Cyprinus carpio</i> | 807740 | <i>Perca fluviatilis</i> | 804054 |
| | | 806121 | | 806131 |
| | | 806484 | <i>Stizostedion lucioperca</i> | 806131 |
| | | 807690 | Esocidae | |
| | <i>Erycymba buccata</i> | 807003 | <i>Esox lucius</i> | 806131 |
| | <i>Gila elegans</i> | 807794 | As parasite | |
| | <i>Gila robusta</i> | 807090 | Experimental analysis | |
| | | 807794 | Clariidae | |
| | <i>Gobio gobio</i> | 804077 | <i>Clarias batrachus</i> | 803975 |
| | <i>Labeo capensis</i> | 806121 | As predator | |
| | <i>Labeo umbratus</i> | 806121 | Cyprinodontidae | |
| | <i>Leucaspis delincaus</i> | 805690 | <i>Epiplatys bifasciatus</i> | 808275 |
| | <i>Leuciscus cephalus</i> | 808460 | Body content | |
| | <i>Nitropis ludonius</i> | 807446 | Biochemistry | |
| | <i>Oxygaster bacaila</i> | 806901 | As food for fish | 808232 |
| | <i>Phoxinus phoxinus</i> | 805961 | | 808232 |
| | <i>Ptychocheilus lucius</i> | 807794 | Mollusca | |
| | <i>Richardsonius egregius</i> | 808730 | Description and occurrence | |
| | <i>Rutilus rutilus</i> | 806484 | Salmonidae | |
| | | 807716 | <i>Oncorhynchus nerka</i> | 807117 |
| | <i>Scardinius erythrophthalmus</i> | 808354 | <i>Salvelinus leucomaenis</i> | 807117 |
| | Ictaluridae | | As food for fish | |
| | <i>Ictalurus furcatus</i> | 808514 | Dasyatidae | |
| | <i>Ictalurus punctatus</i> | 808514 | <i>Dasyatis centroura</i> | 804187 |
| | | | <i>Dasyatis imbricata</i> | 808579 |

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|-------------------------------------|--------|-------------------------------------|--------|--------------------------------------|
| Rajidae | 806420 | <i>Haemulon sexfasciatum</i> | 808465 | Environmental factors (continued) |
| Squalidae | | <i>Microlepidotus inornatus</i> | 808465 | |
| <i>Somniosus microcephalus</i> | 807348 | Sciaenidae | 806372 | |
| Acipenseromorpha | | <i>Johnius dussumieri</i> | 808463 | |
| <i>Acipenser gueldenstaedti</i> | 807671 | <i>Microgobius undulatus</i> | 808586 | Mollusca |
| <i>Acipenser ruthenus</i> | 807671 | <i>Pseudosciaena cobor</i> | 808586 | |
| Holocentridae | 806763 | <i>Pseudosciaena diacanthus</i> | 808570 | |
| <i>Myripristis leiognathus</i> | 808465 | <i>Pseudolithus senegalensis</i> | 805648 | |
| Gasterosteidae | | <i>Pseudolithus typus</i> | 805648 | |
| <i>Gasterosteus aculeatus</i> | 805961 | <i>Umbrina xanti</i> | 808465 | |
| | 805965 | Serranidae | | |
| | 807256 | <i>Alphesthes multiguttatus</i> | 808465 | |
| Blenniidae | 805656 | <i>Paralabrax clathratus</i> | 807188 | |
| Chaenopsidae | | | 807229 | |
| <i>Acanthemblemaria macrospilus</i> | 808465 | <i>Paralabrax nebulifer</i> | 807230 | |
| Clinidae | 807230 | | 807188 | |
| <i>Cristiceps argentatus</i> | 805656 | | 807230 | |
| <i>Labrisomus xanti</i> | 808465 | | | |
| Pholididae | | Sparidae | | |
| <i>Enedrias nebulosus</i> | 805205 | <i>Chrysophrys auratus</i> | 806043 | |
| Tripterygiidae | | <i>Lagodon rhomboides</i> | 808663 | |
| <i>Tripterygion tripteronotus</i> | 805656 | <i>Lithognathus olivieri</i> | 806541 | |
| Gobiidae | 805656 | Polynemoidae | | |
| | 806634 | <i>Polydactylus sextarius</i> | 804280 | |
| <i>Amblyeleotris japonicus</i> | 803757 | Istiophoridae | | |
| <i>Chasmichthys dolichognathus</i> | 806228 | <i>Istiophorus platypterus</i> | 805449 | |
| <i>Philypnodon breviceps</i> | 808362 | <i>Makaira indica</i> | 808982 | |
| | | <i>Makaira nigricans</i> | 805449 | |
| Labridae | | | 808473 | |
| <i>Bodianus diplotaenia</i> | 808465 | | 808982 | |
| <i>Duymaeria flagellifera</i> | 805205 | <i>Tetraodon albidus</i> | 805449 | |
| <i>Halichoeres poecilopterus</i> | 805205 | <i>Tetraodon angustirostris</i> | 808473 | |
| <i>Halichoeres semicinctus</i> | 807230 | | 808474 | |
| <i>Halichoeres tenuispinnis</i> | 805205 | | 808982 | |
| <i>Oxyjulis californica</i> | 807230 | <i>Tetraodon audax</i> | 808474 | |
| <i>Pimelometopon pulchrum</i> | 807188 | | 808982 | |
| | 807230 | Scombridae | | |
| <i>Pseudolabrus japonicus</i> | 805205 | <i>Acanthocybium solanderi</i> | 805449 | |
| <i>Tautoga onitis</i> | 805998 | <i>Euthynnus alletteratus</i> | 806419 | |
| <i>Tautoglabrus adspersus</i> | 805998 | <i>Euthynnus pelamis</i> | 806214 | |
| | | | 806419 | |
| Mugiloidae | | | 808364 | |
| <i>Mugil cephalus</i> | 807322 | <i>Scomber tapeinocephalus</i> | 807928 | |
| <i>Mugil saliens</i> | 807322 | <i>Thunnus</i> | 806419 | |
| Nototheniidae | | | 808147 | |
| <i>Notothenia gibberifrons</i> | 808011 | <i>Thunnus alalunga</i> | 808364 | |
| Carangidae | | | 808474 | |
| <i>Caranx carangus</i> | 808579 | | 808982 | |
| <i>Gnathanodon speciosus</i> | 808465 | <i>Thunnus albacares</i> | 805449 | |
| <i>Trachinotus carolinus</i> | 804222 | | 808473 | |
| | 807034 | | 808474 | |
| | 807837 | | 808982 | |
| <i>Trachinotus falcatus</i> | 807837 | <i>Thunnus obesus</i> | 808473 | |
| Centrarchidae | | | 808474 | |
| <i>Lepomis gibbosus</i> | 804897 | | 808982 | |
| Centropomidae | | | 804972 | |
| <i>Lates niloticus</i> | 805378 | Pleuronectiformes | | |
| Chaetodontidae | | Bothidae | | |
| <i>Hemiochus nigrirostris</i> | 808465 | <i>Xystreus lolepis</i> | 807188 | |
| Coryphaenidae | | Pleuronectidae | | |
| <i>Coryphaena hippurus</i> | 805449 | <i>Glyptocephalus cynoglossus</i> | 808140 | |
| Embiotocidae | 807230 | <i>Hippoglossus hippoglossus</i> | 805331 | |
| <i>Amphistichus argenteus</i> | 805609 | | 808126 | |
| <i>Amphistichus rhodotus</i> | 805609 | <i>Lepidopsetta bilineata</i> | 807906 | |
| <i>Cymatogaster aggregata</i> | 805609 | <i>Reinhardtius hippoglossoides</i> | 807106 | |
| <i>Embiotoca jacksoni</i> | 807188 | | 807767 | |
| | 805609 | Scophthalmidae | | |
| <i>Embiotoca lateralis</i> | 805609 | <i>Scophthalmus maoticus</i> | 807274 | |
| <i>Hyperprosopon ellipticum</i> | 805609 | Cottidae | | |
| <i>Hypsurus caryi</i> | 805609 | <i>Cottus beldingi</i> | 808721 | |
| | 807188 | <i>Cottus gobio</i> | 805601 | |
| <i>Phanerodon furcatus</i> | 807188 | | 805961 | |
| <i>Rhacochilus toxotes</i> | 807188 | <i>Scorpaenichthys marmoratus</i> | 807230 | |
| <i>Rhacochilus vacca</i> | 805609 | | | |
| | 807188 | Cyclopteridae | | |
| <i>Zalemnius rosaceus</i> | 805609 | <i>Liparis pulchellus</i> | 807635 | |
| Gerreidae | | Hexagrammidae | | |
| <i>Gerres japonicus</i> | 805205 | <i>Ophiodon elongatus</i> | 807230 | |
| <i>Gerres macrostoma</i> | 805205 | Scorpaenidae | 807230 | |
| Kyphosidae | | <i>Scorpaena guttata</i> | 807188 | |
| <i>Girella nigricans</i> | 807230 | <i>Sebastes flavidus</i> | 807482 | |
| Leiognathidae | | Balistidae | | |
| <i>Leiognathus equulus</i> | 808579 | <i>Brachaluteres ulvarum</i> | | |
| Lethrinidae | 808582 | Tetraodontidae | 805205 | |
| Lutjanidae | 806763 | <i>Monacanthus cirrhifer</i> | 805205 | |
| <i>Lutjanus argentiventris</i> | 808465 | <i>Monacanthus japonicus</i> | 805205 | |
| | | <i>Sufflamen verres</i> | 808465 | |
| Mullidae | | Triacanthidae | | |
| <i>Mulloidichthys dentatus</i> | 808465 | <i>Triacanthus brevirostris</i> | 808579 | |
| Percidae | | Clupeidae | | |
| <i>Perca flavescens</i> | 807446 | <i>Alosa brashnikovii</i> | 807717 | |
| Pomacentridae | | <i>Alosa kessleri</i> | 807717 | |
| <i>Hypsypops rubicunda</i> | 807230 | <i>Hilsa ilisha</i> | 809007 | |
| <i>Pomacentrus rectifracum</i> | 808465 | <i>Opisthonema oglinum</i> | 807033 | |
| Pomadasyidae | | Anguillidae | | |
| <i>Anisotremus davidsoni</i> | 807230 | <i>Anguilla anguilla</i> | 805974 | |
| <i>Anisotremus interruptus</i> | 808465 | | 806449 | |

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|--------------------------------------|--------------------------------------|--------|------------------------------------|--------|
| Environmental factors (continued) | <i>Anguilla australis</i> | 808362 | Incidence of infection | |
| | <i>Anguilla dieffenbachii</i> | 808362 | Intensity of infection | |
| | Elopiidae | | Centrarchidae | 804490 |
| | <i>Elops saurus</i> | 808190 | Percidae | |
| | Megalopidae | | <i>Perca flavescens</i> | 804490 |
| | <i>Megalops atlantica</i> | 808186 | Serranidae | |
| | Characidae | | <i>Morone americana</i> | 804490 |
| | <i>Alestes dageti</i> | 805053 | Host parasite interactions | |
| | Catostomidae | | Centrarchidae | 804490 |
| | <i>Moxostoma carinatum</i> | 804165 | Percidae | |
| | Cyprinidae | 804897 | <i>Perca flavescens</i> | 804490 |
| | <i>Barbus kolus</i> | 808571 | Serranidae | |
| | <i>Blicca bjoerkna</i> | 804076 | <i>Morone americana</i> | 804490 |
| | Ariidae | | | 806512 |
| | <i>Osteogobius militaris</i> | 808579 | Host parasite interactions | |
| | Bagridae | | Immunological reactions | |
| | <i>Myxus gulo</i> | 808579 | Teleostei | 806604 |
| | Pangasiidae | | Rotifera | |
| | <i>Pangasius pangasius</i> | 808572 | As food for fish | |
| | Plotosidae | | Acipenseromorpha | |
| | <i>Plotosus anguillar</i> | 805205 | <i>Acipenser ruthenus</i> | 808444 |
| | Siluridae | | Gasterosteidae | |
| | <i>Ompok pabda</i> | 806966 | <i>Gasterosteus aculeatus</i> | 807256 |
| | Gadidae | | Belontiidae | |
| | <i>Gadus morhua</i> | 807421 | <i>Colisa fasciata</i> | 806932 |
| | <i>Gaidropsarus mediterraneus</i> | 805656 | Engraulidae | |
| | <i>Melanogrammus aeglefinus</i> | 807421 | <i>Engraulis japonicus</i> | 806761 |
| | <i>Micromesistius poutassou</i> | 808045 | Characidae | |
| | Macroulidae | | <i>Alestes dageti</i> | 805053 |
| | <i>Macrourus rupestris</i> | 808129 | <i>Micralstes acutidens</i> | 805053 |
| | Merlucciidae | | Catostomidae | |
| | <i>Merluccius merluccius</i> | 808297 | <i>Catostomus commersoni</i> | 806115 |
| | <i>Merluccius productus</i> | 808717 | Cyprinidae | 804897 |
| | Zoaridae | | <i>Cirrhina mrigala</i> | 808593 |
| | <i>Lycodopsis pacifica</i> | 807500 | <i>Gobio gobio</i> | 804077 |
| | Gobiesociformes | 805656 | <i>Leucaspius delineatus</i> | 805690 |
| | Argentinidae | | <i>Leuciscus cephalus</i> | 805344 |
| | <i>Argentina sphyraena</i> | 804534 | <i>Oxygaster bacaila</i> | 806901 |
| | Alpinauridae | | <i>Rutilus rutilus</i> | 806484 |
| | <i>Alpisaurus</i> | 807697 | | 807716 |
| | Myctophidae | | <i>Scardinus erythrophthalmus</i> | 808354 |
| | <i>Centrobranchus nigroocellatus</i> | 806935 | Notopteridae | |
| | Salmonidae | | <i>Notopterus chitala</i> | 806966 |
| | <i>Oncorhynchus</i> | 807484 | Larva | |
| | <i>Oncorhynchus gorbuscha</i> | 804955 | Clupeidae | |
| | | 805432 | <i>Clupeonella delicatula</i> | 807732 |
| | | 807731 | | |
| | | 808910 | Fry | |
| | <i>Oncorhynchus keta</i> | 804955 | Serranidae | |
| | | 805432 | <i>Morone saxatilis</i> | 806671 |
| | | 807731 | Cyprinidae | |
| | <i>Oncorhynchus kisutch</i> | 808526 | <i>Hypophthalmichthys molitrix</i> | 807653 |
| | <i>Oncorhynchus nerka</i> | 805432 | Chaetognatha | |
| | | 808910 | As food for fish | |
| | <i>Salmo salar</i> | 805961 | Carangidae | |
| | <i>Salmo trutta</i> | 807440 | <i>Decapterus punctatus</i> | 807276 |
| | <i>Salvelinus alpinus</i> | 806621 | Polynemoidae | |
| | | 808362 | <i>Polydactylus sextarius</i> | 804280 |
| | | 805541 | Scombridae | |
| | As predator | | <i>Scomber tapeinocephalus</i> | 807928 |
| | Scorpaenidae | | Stromateoidei | |
| | <i>Scorpaena guttata</i> | 804274 | <i>Amarsipus carlsbergi</i> | 806816 |
| | Larva | | Gadidae | |
| | Syngnathidae | | <i>Micromesistius poutassou</i> | 808045 |
| | <i>Syngnathus phlegon</i> | 807715 | Argentinidae | |
| | Clupeidae | | <i>Argentina sphyraena</i> | 804534 |
| | <i>Clupeonella delicatula</i> | 807732 | Myctophidae | 805924 |
| | Engraulidae | | Salmonidae | |
| | <i>Engraulis encrasicolus</i> | 807670 | <i>Oncorhynchus</i> | 807484 |
| | Myctophidae | 807715 | <i>Oncorhynchus gorbuscha</i> | 807731 |
| | | | <i>Oncorhynchus keta</i> | 807731 |
| | Fry | | Bryozoa | |
| | Salmonidae | | As food for fish | |
| | <i>Oncorhynchus kisutch</i> | 806024 | Labridae | |
| | Vector of fish disease | | <i>Halichoeres semicinctus</i> | 807230 |
| | Cyprinidae | 808449 | <i>Oxyulius californica</i> | 807230 |
| | As shelter for fish | | <i>Pinelometopon pulchrum</i> | 807230 |
| | Developing egg | | Branchiostegidae | |
| | Cyprinidae | 806041 | <i>Caulolatilus princeps</i> | 807230 |
| | As parasite | | Embiotocidae | 807230 |
| | Seasonal changes | | <i>Brachystius frenatus</i> | 805609 |
| | Percidae | | <i>Phanerodon atripes</i> | 805609 |
| | <i>Perca flavescens</i> | 807394 | <i>Rhacochilus vacca</i> | 807188 |
| | Body content | | Kyphosidae | |
| | Biochemistry | 808232 | <i>Cirella nigricans</i> | 807230 |
| | As food for fish | 808232 | <i>Medialuna californiensis</i> | 807230 |
| | Larva | | Pomacentridae | |
| | Attachment to fish | | <i>Chromis punctipinnis</i> | 807230 |
| | Teleostei | 808501 | <i>Hypsopops rubicunda</i> | 807230 |
| | Seasonal changes | | Serranidae | |
| | As parasite | | <i>Paralabrax clathratus</i> | 807230 |
| | Cyprinidae | | | |
| | <i>Vimba vimba</i> | 807046 | | |

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|-----------------------------------|--------|--------------------------------------|--------|----------------------------------------------|
| Balistidae | | <i>Salmo gairdneri</i> | 806105 | Environmental factors (continued) |
| <i>Monacanthus cirrhifer</i> | 805205 | <i>Salmo trutta</i> | 805382 | |
| <i>Rudarius ercodes</i> | 805205 | Egg | | |
| Atherinidae | | Gasterosteidae | | |
| <i>Atherinops affinis</i> | 807230 | <i>Gasterosteus aculeatus</i> | 804439 | |
| Cyprinidae | 804897 | Salmonidae | | |
| Echinodermata | | <i>Salmo clarki</i> | 804439 | |
| As food for fish | | Larva | | |
| Teleostei | 807315 | Centrarchidae | | |
| Blenniidae | 805656 | <i>Lepomis cyanellus</i> | 803504 | |
| Clinidae | | Young | | |
| <i>Cristiceps argentatus</i> | 805656 | Esocidae | | |
| <i>Labrisomus xanti</i> | 808465 | <i>Esox lucius</i> | 806131 | |
| Gobiidae | 805656 | Use as test animal | | |
| Labridae | | Gonadotropin | | |
| <i>Halichoeres semicinctus</i> | 807230 | Cyprinidae | | |
| <i>Pimelometopon pulchrum</i> | 807230 | <i>Cyprinus carpio</i> | 805683 | |
| <i>Tautoglabrus adpersus</i> | 807315 | Reptilia | | |
| Branchiostegidae | | As food for fish | | |
| <i>Caulolatilus princeps</i> | 807230 | Squalomorpha | 807607 | |
| Embiotocidae | 807230 | As commensal | | |
| <i>Embiotoca jacksoni</i> | 805609 | Echeneidae | | |
| Kyphosidae | | <i>Echeneis naucrates</i> | 807243 | |
| <i>Girella nigricans</i> | 807230 | <i>Remora remora</i> | 807243 | |
| <i>Medialuna californiensis</i> | 807230 | As predator | | |
| Lethrinidae | 808582 | Teleostei | 803611 | |
| Mulidae | | Experimental analysis | | |
| <i>Mulloidichthys dentatus</i> | 808465 | Ictaluridae | | |
| Pomacentridae | | <i>Ictalurus melas</i> | 806912 | |
| <i>Hypsypops rubicunda</i> | 807230 | Descriptive evolution | | |
| Pomadasyidae | | Teleostei | 807940 | |
| <i>Xenistius californiensis</i> | 807230 | Aves | | |
| Serranidae | | As predator | | |
| <i>Paralabrax clathratus</i> | 807188 | Teleostei | 805420 | |
| <i>Paralabrax nebulifer</i> | 807229 | Ammodytidae | | |
| | 807188 | <i>Ammodytes</i> | 804065 | |
| | 807230 | Pholididae | | |
| Sparidae | | <i>Pholis gunnellus</i> | 804065 | |
| <i>Chrysophrys auratus</i> | 806043 | Cichlidae | | |
| Pleuronectiformes | 804972 | <i>Tilapia heudeloti</i> | 808275 | |
| Pleuronectidae | | Percidae | | |
| <i>Glyptocephalus cynoglossus</i> | 808140 | <i>Perca flavescens</i> | 807446 | |
| <i>Lepidopsetta bilineata</i> | 807906 | Pleuronectidae | 804065 | |
| <i>Microstomus pacificus</i> | 808717 | Cottidae | | |
| Scorpaenidae | 807230 | <i>Myoxocephalus scorpius</i> | 804065 | |
| Balistidae | | Cyprinodontidae | | |
| <i>Sufflamen verres</i> | 808465 | <i>Epiplatys bifasciatus</i> | 808275 | |
| Atherinidae | | Clupeidae | | |
| <i>Atherinops affinis</i> | 807230 | <i>Sprattus sprattus</i> | 804065 | |
| Aridae | | Engraulidae | | |
| <i>Arius heudeloti</i> | 804552 | <i>Engraulis ringens</i> | 805574 | |
| Gadidae | | Anguillidae | | |
| <i>Melanogrammus aeglefinus</i> | 807421 | <i>Anguilla anguilla</i> | 804065 | |
| Zoarcidae | | Cyprinidae | | |
| <i>Macrozoarces americanus</i> | 807207 | <i>Nothobranchius hudsonius</i> | 807446 | |
| Gobiociformes | 805656 | Gadidae | 804065 | |
| <i>Dellichthys morelandi</i> | 804277 | Zoarcidae | | |
| As shelter for fish | | <i>Zoarces viviparus</i> | 804065 | |
| Teleostei | 804417 | Salmonidae | | |
| Carapidae | 808788 | <i>Salmo salar</i> | 804065 | |
| <i>Carapus bermudensis</i> | 807589 | <i>Salmo trutta</i> | 804065 | |
| As predator | | Vector of fish disease | | |
| Egg | | Teleostei | 808428 | |
| Pomacentridae | 804919 | Mammalia | | |
| Protochordata | | As food for fish | | |
| As food for fish | | Squalidae | | |
| Gobiidae | 806634 | <i>Somniosus microcephalus</i> | 807348 | |
| Labridae | | As commensal | | |
| <i>Pimelometopon pulchrum</i> | 807230 | Echeneidae | | |
| Branchiostegidae | | <i>Echeneis naucrates</i> | 807243 | |
| <i>Caulolatilus princeps</i> | 807230 | <i>Remora remora</i> | 807243 | |
| Lethrinidae | 808582 | As predator | | |
| Serranidae | | Petromyzontomorpha | | |
| <i>Paralabrax clathratus</i> | 807188 | <i>Entosphenus tridentatus</i> | 807320 | |
| Sparidae | | Rajidae | | |
| <i>Chrysophrys auratus</i> | 806043 | <i>Raja</i> | 805518 | |
| <i>Lagodon rhomboides</i> | 808663 | Squalidae | | |
| Scombridae | | <i>Somniosus</i> | 805518 | |
| <i>Euthynnus pelamis</i> | 808364 | Gasterosteidae | | |
| <i>Scomber tapeinocephalus</i> | 807928 | <i>Gasterosteus aculeatus</i> | 807320 | |
| <i>Thunnus</i> | 806419 | Trachipteridae | 808874 | |
| <i>Thunnus alalunga</i> | 808364 | Ammodytidae | | |
| Pleuronectiformes | 804972 | <i>Ammodytes hexapterus</i> | 807320 | |
| Engraulidae | | Nototheniidae | | |
| <i>Engraulis ringens</i> | 808386 | <i>Dissostichus mawsoni</i> | 804557 | |
| Myctophidae | 805924 | | 805616 | |
| Salmonidae | | <i>Trematomus borchgrevinki</i> | 805048 | |
| <i>Oncorhynchus</i> | 807484 | Comephoridae | | |
| Amphibia | | <i>Comephorus baicalensis</i> | 807760 | |
| As food for fish | | <i>Comephorus dybowskii</i> | 807760 | |
| Centrarchidae | | Cottocomephoridae | | |
| <i>Micropterus salmoides</i> | 806167 | <i>Cottocomephorus comephoroides</i> | 807760 | |
| Salmonidae | | <i>Cottocomephorus grewingi</i> | 807760 | |
| <i>Oncorhynchus nerka</i> | 806105 | | | |

| Environmental factors (continued) | | | |
|--------------------------------------|--------|------------------------------------|--------|
| Cycolopteridae | | Anguillidae | |
| <i>Cycolopterus lumpus</i> | 805518 | <i>Anguilla anguilla</i> | 806814 |
| Anoplopomatidae | | Cyprinidae | 806678 |
| <i>Anoplopoma fimbria</i> | 807320 | | 808630 |
| Hexagrammidae | | <i>Catla catla</i> | 808615 |
| <i>Pleurogrammus monopterygius</i> | 807320 | <i>Cirrhina mrigala</i> | 808615 |
| Scorpaenidae | | <i>Cyprinus carpio</i> | 806814 |
| <i>Sebastes</i> | 805518 | <i>Labeo rohita</i> | 808615 |
| Scomberesocidae | | <i>Scardinius erythrophthalmus</i> | 808354 |
| <i>Cololabis saira</i> | 807320 | Salmonidae | 806678 |
| Clupeidae | | <i>Oncorhynchus gorboscha</i> | 803519 |
| <i>Clupea harengus</i> | 807320 | <i>Oncorhynchus keta</i> | 803519 |
| Engraulidae | | <i>Oncorhynchus nerka</i> | 808659 |
| <i>Engraulis mordax</i> | 807320 | <i>Salmo trutta</i> | 806832 |
| Gadidae | | <i>Salvelinus alpinus</i> | 806832 |
| <i>Theragra chalcogramma</i> | 805518 | Distribution within habitat | |
| Merlucciidae | | Percidae | |
| <i>Merluccius productus</i> | 807320 | <i>Perca flavescens</i> | 807561 |
| Lophiidae | | <i>Stizostedion vitreum</i> | 807561 |
| <i>Lophius piscatorius</i> | 805518 | Effect on fish | |
| Bathylagidae | 807320 | Distribution within habitat | |
| Myctophidae | 807320 | Percidae | |
| | 808874 | <i>Perca flavescens</i> | 807561 |
| Paralepididae | 808874 | <i>Stizostedion vitreum</i> | 807561 |
| <i>Paralepis atlantica</i> | 808734 | As food for fish | |
| Osmorhidae | | Holocentridae | |
| <i>Thalichthys pacificus</i> | 807320 | <i>Myripristis leiognathus</i> | 808465 |
| Salmonidae | | Acanthuridae | 805679 |
| <i>Oncorhynchus</i> | 807320 | Ammodytidae | |
| Experimental analysis | | <i>Ammodytes hexapterus</i> | 803519 |
| | 804153 | Blenniidae | 807092 |
| Salmonidae | 804671 | <i>Ecsenius midas</i> | 805914 |
| Population changes | | Sichaeidae | 803519 |
| Scomberesocidae | | Tripterygiidae | |
| <i>Cololabis saira</i> | 808874 | <i>Tripterygion etheostoma</i> | 807092 |
| Engraulidae | | Gobiidae | 807092 |
| <i>Engraulis mordax</i> | 808874 | Labridae | |
| Merlucciidae | | <i>Hemiperonotus mundiceps</i> | 808465 |
| <i>Merluccius productus</i> | 808874 | Mugiloidae | 807092 |
| Availability and use of food | | Apogonidae | |
| Percidae | | <i>Apogon retrosella</i> | 808465 |
| <i>Perca fluviatilis</i> | 803935 | Carangidae | |
| Anguillidae | | <i>Chloroscombrus chrysurus</i> | 807872 |
| <i>Anguilla anguilla</i> | 803935 | Centrarchidae | |
| Cyprinidae | | <i>Micropterus punctulatus</i> | 807864 |
| <i>Phoxinus phoxinus</i> | 803935 | <i>Pomoxis annularis</i> | 808796 |
| <i>Rutilus rutilus</i> | 803935 | Chaetodontidae | 807092 |
| Gadidae | | Kyphosidae | |
| <i>Lota lota</i> | 803935 | <i>Cirella melanichthys</i> | 807092 |
| Esocidae | | <i>Microcanthus strigatus</i> | 807092 |
| <i>Esox lucius</i> | 803935 | Lutjanidae | |
| Salmonidae | | <i>Lutjanus russelli</i> | 807092 |
| <i>Salmo trutta</i> | 803935 | Percidae | |
| Seasonal changes | | <i>Stizostedion vitreum</i> | 807791 |
| Scomberesocidae | | Pomacentridae | 807092 |
| <i>Cololabis saira</i> | 808874 | <i>Chromis atrilobata</i> | 808465 |
| Engraulidae | | Serranidae | |
| <i>Engraulis mordax</i> | 808874 | <i>Anthias squamipinnis</i> | 805914 |
| Merlucciidae | | Scombridae | |
| <i>Merluccius productus</i> | 808874 | <i>Rastrelliger kanagurta</i> | 807977 |
| Plankton | | Stromateidae | |
| Description and occurrence | | <i>Pepirus alepidotus</i> | 807872 |
| Elasmobranchii | 808288 | Hexagrammidae | |
| | 808982 | <i>Hexagrammos decagrammus</i> | 803519 |
| Acipenseromorpha | 808464 | Tetraodontidae | |
| Telostei | 806132 | <i>Arothron hispidus</i> | 807092 |
| | 807701 | <i>Arothron meleagris</i> | 807092 |
| | 808250 | Atherinidae | |
| | 808288 | <i>Atherion elymus</i> | 807092 |
| | 808310 | <i>Menidia extensa</i> | 807835 |
| | 808464 | Clupeidae | |
| | 808471 | <i>Alosa pseudoharengus</i> | 807863 |
| | 808476 | <i>Clupea harengus</i> | 805317 |
| | 808630 | | 808914 |
| | 808982 | <i>Harengula thrissina</i> | 808465 |
| | | <i>Sardinella longiceps</i> | 807079 |
| Ammodytidae | | | 808573 |
| <i>Ammodytes hexapterus</i> | 803519 | <i>Sardinops sagax</i> | 808319 |
| Sichaeidae | 803519 | Engraulidae | |
| Gobiidae | 806678 | <i>Engraulis encrasicolus</i> | 807272 |
| Scombridae | | <i>Engraulis japonicus</i> | 806761 |
| <i>Euthynnus pelamis</i> | 808282 | <i>Engraulis mordax</i> | 808319 |
| <i>Thunnus</i> | 808147 | <i>Engraulis ringens</i> | 809008 |
| <i>Thunnus albacares</i> | 808282 | <i>Thrisa purava</i> | 808579 |
| Hexagrammidae | | Congridae | |
| <i>Hexagrammos decagrammus</i> | 803519 | <i>Tenisonconger</i> | 808465 |
| Clupeidae | | Muraenidae | |
| <i>Clupea harengus</i> | 807072 | <i>Gymnothorax castaneus</i> | 808465 |
| | 808083 | Characidae | |
| | 808134 | <i>Alestes baremoze</i> | 808022 |
| Engraulidae | | Cyprinidae | |
| <i>Engraulis mordax</i> | 807372 | <i>Notropis hudsonius</i> | 807446 |
| <i>Engraulis ringens</i> | 808384 | | |
| | 808386 | | |

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| Bagridae | | Cliniidae | 807230 | Environmental factors (continued) |
| <i>Myxus gulo</i> | 808579 | Gobiidae | 807092 | |
| Antennariidae | | <i>Chasmichthys dolichognathus</i> | 806228 | |
| <i>Histrio histrio</i> | 807092 | <i>Glossogobius giuris</i> | 808579 | Fish-to-fish relationships |
| Osmeridae | | <i>Gobius niger</i> | 806118 | |
| <i>Osmerus mordax</i> | 807863 | <i>Gobius ophiocephalus</i> | 806118 | |
| Salmonidae | | <i>Periophthalmodon schlosseri</i> | 809057 | |
| <i>Coregonus peled</i> | 808353 | Labridae | | |
| <i>Oncorhynchus gorbuscha</i> | 803519 | <i>Bodianus diplotaenia</i> | 808465 | |
| <i>Oncorhynchus keta</i> | 803519 | <i>Duymaeria flagellifera</i> | 805205 | |
| <i>Oncorhynchus nerka</i> | 807762 | <i>Oxyjulis californica</i> | 807230 | |
| <i>Salvelinus alpinus</i> | 807800 | <i>Pimelometopon pulchrum</i> | 807230 | |
| Description and occurrence | 806989 | <i>Pseudolabrus japonicus</i> | 805205 | |
| Teleostei | | Mastacembelidae | | |
| Larva | 808996 | <i>Mastacembelus armatus</i> | 808579 | |
| Engaulidae | | Apogonidae | | |
| <i>Engraulus encrasicolus</i> | 807670 | <i>Apogon doederleini</i> | 807092 | |
| Distribution and occurrence | | <i>Apogon retrosella</i> | 808465 | |
| Experimental analysis | | Branchiostegidae | | |
| Teleostei | 808192 | <i>Caulolatilus princeps</i> | 807230 | |
| Petromyzontomorpha | | Carangidae | 808579 | |
| As food for fish | | <i>Carangoides malabaricus</i> | 807978 | |
| Anguillidae | | <i>Caranx marginatus</i> | 808465 | |
| <i>Anguilla anguilla</i> | 805974 | <i>Decapterus punctatus</i> | 807276 | |
| As predator | | <i>Gnathanodon speciosus</i> | 808465 | |
| Scombridae | | <i>Selar crumenophthalmus</i> | 808465 | |
| <i>Thunnus albacares</i> | 807131 | <i>Selene brevirostris</i> | 808465 | |
| Migrations | | Centrarchidae | | |
| Salmonidae | | <i>Micropterus punctulatus</i> | 807864 | |
| <i>Oncorhynchus gorbuscha</i> | 808923 | Centropomidae | | |
| <i>Oncorhynchus nerka</i> | 808923 | <i>Lates calcarifer</i> | 808579 | |
| <i>Entosphenus tridentatus</i> | | Chaetodontidae | | |
| As predator | | <i>Heniochus nigrirostis</i> | 808465 | |
| Effect on fish | | Cichlidae | 804217 | |
| Salmonidae | | <i>Haplochromis</i> | 806349 | |
| <i>Oncorhynchus gorbuscha</i> | 808923 | Embiotocidae | | |
| <i>Oncorhynchus nerka</i> | 808923 | <i>Amphistichus rhodotus</i> | 805609 | |
| <i>Petromyzon marinus</i> | | <i>Hyperprosopon anale</i> | 805609 | |
| As predator | | <i>Hyperprosopon ellipticum</i> | 805609 | |
| Salmonidae | | <i>Rhacochilus toxotes</i> | 805609 | |
| <i>Salmo gairdneri</i> | 805642 | Grammistidae | | |
| <i>Salvelinus namaycush</i> | 807501 | <i>Rypiticus bicolor</i> | 808465 | |
| Elasombranchii | | Kyphosidae | | |
| As symbiont of fish | | <i>Cirella melanichthys</i> | 807092 | |
| Echeneidae | | <i>Girella nigricans</i> | 807230 | |
| <i>Echeneis albescent</i> | 807243 | <i>Medialuna californiensis</i> | 807230 | |
| <i>Echeneis naucrates</i> | 807243 | <i>Microcanthus strigatus</i> | 807092 | |
| <i>Remora remora</i> | 807243 | Lethrinidae | 808582 | |
| Rajidae | | Lutjanidae | 806763 | |
| <i>Raja hyperborea</i> | | <i>Lutjanus argentiventris</i> | 808465 | |
| As food for fish | | <i>Lutjanus jahngarah</i> | 808217 | |
| Developing egg | | <i>Lutjanus novemfasciatus</i> | 808465 | |
| Squalidae | | <i>Lutjanus russelli</i> | 807092 | |
| <i>Somniosus microcephalus</i> | 807348 | Pempheridae | | |
| Carcharhinidae | | <i>Pempheris</i> | 807092 | |
| <i>Carcharhinus obscurus</i> | | Percidae | | |
| As shelter for fish | | <i>Perca fluviatilis</i> | 807718 | |
| Echeneidae | | <i>Stizostedion luciopectus</i> | 806484 | |
| <i>Remora albescent</i> | 807579 | <i>Stizostedion vitreum</i> | 807718 | |
| <i>Galeocerdo cuvieri</i> | | Pomacentridae | 807791 | |
| As shelter for fish | | <i>Abudefduf troschelii</i> | 807092 | |
| Echeneidae | | <i>Hypsypops rubicundus</i> | 808465 | |
| <i>Remora albescent</i> | 807579 | Pomadasyidae | 807230 | |
| <i>Negaprion brevirostris</i> | | <i>Xenichthys xanti</i> | 808465 | |
| As shelter for fish | | <i>Xenistius californiensis</i> | 807230 | |
| Echeneidae | | Rachycentridae | | |
| <i>Remora albescent</i> | 807579 | <i>Rachycentron canadum</i> | 808579 | |
| Squalidae | | Sciaenidae | 808579 | |
| <i>Squalus acanthias</i> | | <i>Cheilotrema saturnum</i> | 807230 | |
| As food for fish | | <i>Cynoscion nobilis</i> | 807230 | |
| Echinorhinidae | | <i>Johnius dussumieri</i> | 806372 | |
| <i>Echinorhinus brucus</i> | 807588 | <i>Microgobius undulatus</i> | 808663 | |
| Acipenseromorpha | | <i>Pseudosciaenops diacanthus</i> | 808570 | |
| <i>Huso huso</i> | | <i>Umbrina xanti</i> | 808465 | |
| As predator | | Serranidae | | |
| Petromyzontomorpha | | <i>Alphesthes multiguttatus</i> | 808465 | |
| <i>Caspiomyzon wagneri</i> | 807755 | <i>Epinephelus caeruleopunctatus</i> | 807092 | |
| Teleostei | | <i>Epinephelus labriformis</i> | 808465 | |
| As food for fish | | <i>Mycteroperca rosacea</i> | 808465 | |
| Rajidae | 806420 | <i>Paralabrax clathratus</i> | 807188 | |
| Carcharhinidae | 808579 | | 807229 | |
| Holocentridae | 806763 | <i>Paralabrax nebulifer</i> | 807230 | |
| <i>Myripristis leiognathus</i> | 808465 | <i>Plecistopomus maculatus</i> | 807524 | |
| Channiformes | | Sparidae | | |
| <i>Channa punctatus</i> | 808579 | <i>Chrysophrys auratus</i> | 806043 | |
| Fistulariidae | | <i>Lagodon rhomboides</i> | 808663 | |
| <i>Fistularia petimba</i> | 808465 | <i>Sparus dania</i> | 808579 | |
| Blenniidae | | Theraponidae | | |
| <i>Hypsoblennius</i> | 807230 | <i>Therapon jarbua</i> | 808579 | |
| Chaenopsidae | | Polynemoidae | 804280 | |
| <i>Acanthemblemaria macrospilus</i> | 808465 | <i>Eleutheronema tetradactylus</i> | 808579 | |
| <i>Chaenopsis alepidota</i> | 808465 | | | |

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| Environmental factors (continued) | Istiophoridae | | Schilbeidae | |
| | <i>Istiophorus platypterus</i> | 808474 | <i>Eutropichthys vacha</i> | 808579 |
| | <i>Makaira indica</i> | 808982 | Gadidae | |
| Fish-to-fish relationships | <i>Makaira nigricans</i> | 808982 | <i>Gadus morhua</i> | 805283 |
| | <i>Tetrapterus angustirostris</i> | 808473 | | 807421 |
| | | 808982 | <i>Melanogrammus aeglefinus</i> | 808292 |
| | <i>Tetrapterus audax</i> | 808473 | <i>Micromesistius poutassou</i> | 807421 |
| | | 808474 | Macrouridae | 808045 |
| | | 808982 | <i>Macrourus rupestris</i> | 808129 |
| | Scombridae | | Merlucciidae | |
| | <i>Euthynnus alletteratus</i> | 806419 | <i>Merluccius merluccius</i> | 808297 |
| | <i>Euthynnus pelamis</i> | 806214 | <i>Merluccius productus</i> | 808717 |
| | | 806419 | Ophidiidae | |
| | <i>Rastrelliger kanagurta</i> | 808364 | <i>Otophidium taylori</i> | 807230 |
| | <i>Thunnus</i> | 807977 | Esocidae | |
| | | 806419 | <i>Esox lucius</i> | 807718 |
| | <i>Thunnus alalunga</i> | 808147 | Alepisauridae | |
| | | 808364 | <i>Alepisaurus</i> | 807697 |
| | | 808474 | Mycetophidae | 805924 |
| | <i>Thunnus albacares</i> | 808982 | Osmeridae | |
| | | 808473 | <i>Osmerus eperlanus</i> | 807687 |
| | <i>Thunnus obesus</i> | 808474 | Salmonidae | |
| | | 808473 | <i>Oncorhynchus</i> | 807484 |
| | | 808474 | <i>Oncorhynchus gorbuscha</i> | 804955 |
| | | 808982 | | 805432 |
| | Trichiuridae | | <i>Oncorhynchus keta</i> | 807731 |
| | <i>Lepidopus caudatus</i> | 808130 | | 804955 |
| | Sphyrnoidae | | | 805432 |
| | <i>Sphyrna argentea</i> | 807230 | | 807731 |
| | Pleuronectiformes | 804972 | <i>Salmo salar</i> | 807440 |
| | Bothidae | | <i>Salvelinus namaycush</i> | 808528 |
| | <i>Paralichthys californicus</i> | 807230 | Chauliodontidae | |
| | <i>Paralichthys lethostigma</i> | 805068 | <i>Chauliodus sloanei</i> | 805924 |
| | Pleuronectidae | | Gonostomatidae | |
| | <i>Atheresthes stomias</i> | 808717 | <i>Vinciguerra nimbaria</i> | 805924 |
| | <i>Glyptocephalus cynoglossus</i> | 808140 | Egg | |
| | <i>Hippoglossus hippoglossus</i> | 805331 | Acipenseromorpha | |
| | <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Acipenser gueldenstaedti</i> | 807671 |
| | | 807767 | <i>Acipenser ruthenus</i> | 807671 |
| | Scophthalmidae | | Clupeidae | |
| | <i>Scophthalmus macoticus</i> | 807274 | <i>Ilisha indica</i> | 804285 |
| | Cottidae | | Ariidae | |
| | <i>Pseudoblennius cottoides</i> | 805205 | <i>Arius heudeloti</i> | 804552 |
| | <i>Pseudoblennius pectoroides</i> | 805205 | Developing egg | |
| | <i>Scorpaenichthys marmoratus</i> | 807230 | Cottidae | |
| | Hexagrammidae | | <i>Cottus gobio</i> | 805601 |
| | <i>Ophiodon elongatus</i> | 807230 | Engraulidae | |
| | <i>Oxylebius pictus</i> | 807230 | <i>Engraulis ringens</i> | 808386 |
| | Scorpaenidae | | Larva | |
| | <i>Scorpaena guttata</i> | 807188 | Clupeidae | |
| | <i>Scorpaenodes guamensis</i> | 807092 | <i>Ilisha indica</i> | 804285 |
| | Balistidae | | Young | |
| | <i>Monacanthus japonicus</i> | 805205 | Channiformes | |
| | <i>Rudarius ercodes</i> | 805205 | <i>Channa striatus</i> | 806966 |
| | Cyprinodontidae | | Percidae | |
| | <i>Fundulus kansae</i> | 807834 | <i>Stizostedion lucioperca</i> | 806131 |
| | Belontiidae | | Siluridae | |
| | <i>Strongylura strongylura</i> | 808579 | <i>Ompok pabda</i> | 806966 |
| | Clupeidae | | <i>Wallagonia attu</i> | 806966 |
| | <i>Alosa brashnikovi</i> | 807717 | Notopteridae | |
| | <i>Alosa caspia</i> | 805365 | <i>Notopterus chitala</i> | 806966 |
| | <i>Alosa kessleri</i> | 807717 | Esocidae | |
| | <i>Alosa macotica</i> | 805365 | <i>Esox lucius</i> | 806131 |
| | <i>Alosa pontica</i> | 805365 | Salmonidae | |
| | Muraenesocidae | | <i>Oncorhynchus gorbuscha</i> | 808910 |
| | <i>Muraenesox talabonoides</i> | 808579 | <i>Oncorhynchus keta</i> | 808910 |
| | Muraenidae | | <i>Oncorhynchus kisutch</i> | 808910 |
| | <i>Gymnothorax mordax</i> | 807230 | As predator | |
| | Megalopidae | | Petromyzontomorpha | |
| | <i>Megalops atlantica</i> | 808186 | <i>Caspiomyzon wagneri</i> | 807755 |
| | <i>Megalops cyprinoides</i> | 808579 | Intertidal zone | |
| | | 809005 | Teleostei | 806057 |
| | Characidae | | Larva | |
| | <i>Acestrorhamphus</i> | 807120 | As food for fish | |
| | <i>Acestrorhynchus</i> | 807120 | Elopidae | |
| | <i>Alestes dageti</i> | 805053 | <i>Elops saurus</i> | 808190 |
| | <i>Alestes macrophthalmus</i> | 804392 | Channiformes | |
| | <i>Micralestes acutidens</i> | 805053 | <i>Channa obscura</i> | |
| | Cyprinidae | 807333 | As predator | |
| | <i>Barbus holubi</i> | 806121 | Cichlidae | |
| | <i>Cyprinus carpio</i> | 806121 | <i>Tilapia guineensis</i> | 808275 |
| | <i>Labco umbratus</i> | 806121 | <i>Tilapia heudeloti</i> | 808275 |
| | <i>Leuciscus cephalus</i> | 805344 | Cyprinodontidae | |
| | | 808460 | <i>Epiplatys bilasicius</i> | 808275 |
| | <i>Ptychocheilus lucius</i> | 807090 | Gasterosteidae | |
| | Ariidae | 808579 | As food for fish | |
| | Clauiidae | | Anguillidae | |
| | <i>Clarias gariepinus</i> | 806121 | <i>Anguilla anguilla</i> | 805974 |
| | Ictaluridae | | <i>Gasterosteus aculeatus</i> | |
| | <i>Ictalurus furcatus</i> | 808514 | As food for fish | |
| | <i>Ictalurus punctatus</i> | 808514 | Petromyzontomorpha | |
| | Pangasiidae | | <i>Lampepra japonica</i> | 807008 |
| | <i>Pangasius pangasius</i> | 808572 | | |

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| Anguillidae | | <i>Glossogobius giuris</i> | Environmental factors |
| <i>Anguilla anguilla</i> | 806449 | As predator | (continued) |
| Salmonidae | | Cyprinidae | 806132 |
| <i>Salmo salar</i> | 807440 | <i>Gobionellus oceanicus</i> | |
| <i>Pungitius pungitius</i> | | As food for fish | |
| As food for fish | | Elopidae | |
| Anguillidae | | <i>Elops saurus</i> | 808190 |
| <i>Anguilla anguilla</i> | 806449 | <i>Gobionellus smaragdus</i> | |
| Salmonidae | | As food for fish | |
| <i>Salmo salar</i> | 807863 | Elopidae | |
| <i>Salvelinus alpinus</i> | 805541 | <i>Elops saurus</i> | 808190 |
| <i>Salvelinus fontinalis</i> | 807863 | <i>Gobius</i> | |
| <i>Stenodus leucichthys</i> | 806835 | As food for fish | |
| Syngnathidae | | Cyprinidae | 804897 |
| <i>Syngnathus nigrolineatus</i> | | <i>Blicca bjoerkna</i> | 804076 |
| As food for fish | | As predator | |
| Percidae | | Gobiidae | 806634 |
| <i>Perca fluviatilis</i> | 804897 | <i>Pomatoschistus norvegicus</i> | |
| Cyprinidae | 804897 | As food for fish | |
| Esocidae | | Argentinidae | |
| <i>Esox lucius</i> | 804897 | <i>Argentina sphyraena</i> | 804534 |
| Trachipteridae | | Trypauchenidae | |
| <i>Trachipterus altivelis</i> | | <i>Trypauchen vagina</i> | |
| As food for fish | | As food for fish | |
| Molidae | | Sciaenidae | |
| <i>Ranzania laevis</i> | 804144 | <i>Johnius dussumieri</i> | 806372 |
| Siganidae | | Labridae | |
| As food for fish | | As food for fish | |
| Serranidae | | Serranidae | |
| <i>Plectropomus maculatus</i> | 805724 | <i>Plectropomus maculatus</i> | 805724 |
| Ammodytidae | | As predator | |
| As food for fish | | Developing egg | |
| Pleuronectidae | | Pomacentridae | |
| <i>Hippoglossus hippoglossus</i> | 808126 | <i>Abudefduf saxatilis</i> | 806976 |
| <i>Lepidopsetta bilineata</i> | 807906 | <i>Halichoeres dispilus</i> | |
| Salmonidae | | As commensal | |
| <i>Oncorhynchus</i> | 807484 | Feeding | |
| <i>Ammodytes americanus</i> | | Mullidae | |
| As food for fish | | <i>Mulloidichthys dentatus</i> | 808465 |
| Gadidae | | <i>Halichoeres nicholsi</i> | |
| <i>Gadus morhua</i> | 807421 | As commensal | |
| <i>Melanogrammus aeglefinus</i> | 807421 | Feeding | |
| <i>Ammodytes cicerellus</i> | | Mullidae | |
| As food for fish | | <i>Mulloidichthys dentatus</i> | 808465 |
| Clupeidae | | Scaridae | |
| <i>Alosa caspia</i> | 805365 | As food for fish | |
| <i>Alosa macotica</i> | 805365 | Serranidae | |
| <i>Alosa pontica</i> | 805365 | <i>Plectropomus maculatus</i> | 805724 |
| Anabantidae | | Mugiloidae | |
| <i>Ctenopoma kingsleyae</i> | | As food for fish | |
| As predator | | Larva | |
| Cyprinodontidae | | Xiphiidae | |
| <i>Epiplatys bilasciatus</i> | 808275 | <i>Xiphias gladius</i> | 807692 |
| Blenniidae | | <i>Mugil</i> | |
| As food for fish | | As food for fish | |
| Serranidae | | Ictaluridae | |
| <i>Plectropomus maculatus</i> | 805724 | <i>Ictalurus furcatus</i> | 808514 |
| <i>Blennius palmicornis</i> | | <i>Mugil cephalus</i> | |
| As predator | | As food for fish | |
| Gobiidae | 806634 | Bothidae | |
| <i>Gobius niger</i> | 806118 | <i>Paralichthys lethostigma</i> | 805068 |
| <i>Gobius ophioccephalus</i> | 806118 | Channichthyidae | |
| <i>Gobius paganellus</i> | 806118 | <i>Pseudochannaichthys georgianus</i> | |
| <i>Pomatoschistus marmoratus</i> | 806118 | As food for fish | |
| <i>Pomatoschistus microps</i> | 806118 | Rajidae | |
| <i>Blennius pavo</i> | | <i>Raja georgiana</i> | 807663 |
| As predator | | Nototheniidae | |
| Gobiidae | | <i>Dissostichus mawsoni</i> | |
| <i>Gobius niger</i> | 806118 | As predator | |
| <i>Gobius ophioccephalus</i> | 806118 | Nototheniidae | |
| <i>Gobius paganellus</i> | 806118 | <i>Pleuragramma antarcticum</i> | 805616 |
| <i>Pomatoschistus marmoratus</i> | 806118 | <i>Notothenia gibberifrons</i> | |
| <i>Pomatoschistus microps</i> | 806118 | As food for fish | |
| Callionymidae | | Rajidae | |
| <i>Callionymus lyra</i> | | <i>Raja georgiana</i> | 807663 |
| As food for fish | | <i>Notothenia nudifrons</i> | |
| Rajidae | | As food for fish | |
| <i>Raja naevus</i> | 806420 | Rajidae | |
| Gobiidae | | <i>Raja georgiana</i> | 807663 |
| As food for fish | | <i>Pleuragramma antarcticum</i> | |
| Scorpenidae | | As food for fish | |
| <i>Sebastes inermis</i> | 805205 | Nototheniidae | |
| Clupeidae | | <i>Dissostichus mawsoni</i> | 804557 |
| <i>Alosa brashnikovi</i> | 807717 | Carangidae | |
| <i>Alosa kessleri</i> | 807717 | As food for fish | |
| Pangasiidae | | Coryphaenidae | |
| <i>Pangasius pangasius</i> | 808572 | <i>Coryphaena hippurus</i> | 805449 |
| Plotosidae | | Istiophoridae | |
| <i>Plotosus anguillaris</i> | 805205 | <i>Istiophorus platypterus</i> | 805449 |
| <i>Dormitor maculatus</i> | | <i>Makaira nigricans</i> | 805449 |
| As food for fish | | <i>Tetrapterus albidus</i> | 805449 |
| Bothidae | | <i>Tetrapterus angustirostris</i> | 808982 |
| <i>Paralichthys lethostigma</i> | 805068 | | |

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|--------------------------------------|---------------------------------|--------|---------------------------------|--------|
| Environmental factors (continued) | Scombridae | | Centropomidae | |
| | <i>Acanthocybium solanderi</i> | 805449 | <i>Ambassis</i> | |
| | <i>Thunnus albacares</i> | 805449 | As food for fish | |
| Fish-to-fish relationships | <i>Thunnus obesus</i> | 808474 | Larva | |
| | Centrolipidae | | Clupeidae | |
| | <i>Schedophilus pamarco</i> | 806775 | <i>Opisthopterus tardoore</i> | 808574 |
| | Megalopidae | | <i>Lates calcarifer</i> | |
| | <i>Megalops atlantica</i> | 808186 | As food for fish | |
| | Larva | | Serranidae | |
| | Xiphiidae | | <i>Epinephelus malabaricus</i> | 807976 |
| | <i>Xiphias gladius</i> | 807692 | <i>Lates niloticus</i> | |
| | <i>Elagatis bipinnulata</i> | | As predator | |
| | As commensal | | Cichlidae | |
| | Carcharhinidae | | <i>Tilapia</i> | 805378 |
| | <i>Carcharhinus longimanus</i> | 804693 | Characidae | |
| | <i>Selar crumenophthalmus</i> | | <i>Alestes dageti</i> | 805053 |
| | As food for fish | | <i>Hydrocyon forskali</i> | 805053 |
| | Carangidae | | <i>Micralestes acutidens</i> | 805053 |
| | <i>Caranx hippos</i> | 808465 | Schilbeidae | |
| | <i>Nematistius pectoralis</i> | 808465 | <i>Eutropius niloticus</i> | 805053 |
| | <i>Trachurus mediterraneus</i> | | Cepolidae | |
| | As food for fish | | <i>Cepola aotea</i> | |
| | Scophthalmidae | | As food for fish | |
| | <i>Scophthalmus macoticus</i> | 807274 | Sparidae | |
| | <i>Trachurus novaezelandiae</i> | | <i>Chrysophrys auratus</i> | 806043 |
| | As food for fish | | | |
| | Sparidae | | Cichlidae | |
| | <i>Chrysophrys auratus</i> | 806043 | <i>Cichla ocellaris</i> | |
| | <i>Trachurus trachurus</i> | | As predator | |
| | As food for fish | | Cichlidae | |
| | Rajidae | | <i>Cichlasoma bimaculatum</i> | 804217 |
| | <i>Raja circularis</i> | 806240 | <i>Cichlasoma festivum</i> | 804217 |
| | <i>Vomer setipinnis</i> | | <i>Crenicichla saxatilis</i> | 804217 |
| | As food for fish | | <i>Haplochromis</i> | |
| | Ariidae | | As food for fish | |
| | <i>Arius heudeloti</i> | 804552 | Centropomidae | |
| Centrarchidae | | | <i>Lates niloticus</i> | 805378 |
| As predator | | | | 808975 |
| Poeciliidae | | | Characidae | |
| <i>Gambusia affinis</i> | 806275 | | <i>Alestes macrophthalmus</i> | 804392 |
| <i>Ambloplites rupestris</i> | | | <i>Hemichromis fasciatus</i> | |
| As food for fish | | | As predator | |
| Esocidae | | | Cichlidae | |
| <i>Esox lucius</i> | 804524 | | <i>Tilapia guineensis</i> | 808275 |
| | 806512 | | <i>Tilapia heudeloti</i> | 808275 |
| <i>Lepomis auritus</i> | | | Cyprinodontidae | |
| As predator | | | <i>Epiplatys bifasciatus</i> | 808275 |
| Cyprinodontidae | | | <i>Tilapia</i> | |
| <i>Cyprinodon</i> | 806913 | | As food for fish | |
| <i>Lepomis cyanellus</i> | | | Centropomidae | |
| As predator | | | <i>Lates niloticus</i> | 805378 |
| Cyprinodontidae | | | | 808975 |
| <i>Cyprinodon</i> | 806913 | | Fry | |
| <i>Lepomis gibbosus</i> | | | Poeciliidae | |
| As food for fish | | | <i>Gambusia affinis</i> | 804572 |
| Peridae | | | <i>Tilapia mariae</i> | |
| <i>Stizostedion lucioperca</i> | 804897 | | As food for fish | |
| Siluridae | | | Ichthyoboridae | |
| <i>Silurus glanis</i> | 804897 | | <i>Phago loricatus</i> | 809052 |
| Esocidae | | | <i>Tylochromis</i> | |
| <i>Esox lucius</i> | 804897 | | As food for fish | |
| <i>Lepomis gulosus</i> | | | Characidae | |
| As predator | | | <i>Alestes macrophthalmus</i> | 804392 |
| Atherinidae | | | Coryphaenidae | |
| <i>Menidia extensa</i> | 807835 | | As food for fish | |
| <i>Lepomis macrochirus</i> | | | Coryphaenidae | |
| As food for fish | | | <i>Coryphaena hippurus</i> | 805449 |
| Centrarchidae | | | Istiophoridae | |
| <i>Micropterus salmoides</i> | 807807 | | <i>Makaira nigricans</i> | 805449 |
| Esocidae | | | <i>Tetraodon albidus</i> | 805449 |
| <i>Esox lucius</i> | 804524 | | Scombridae | |
| <i>Lepomis microlophus</i> | | | <i>Acanthocybium solanderi</i> | 805449 |
| As food for fish | | | <i>Thunnus albacares</i> | 805449 |
| Centrarchidae | | | Larva | |
| <i>Micropterus salmoides</i> | 807807 | | Xiphiidae | |
| <i>Micropterus salmoides</i> | | | <i>Xiphias gladius</i> | 807692 |
| As food for fish | | | <i>Coryphaena hippurus</i> | |
| Esocidae | | | As predator | |
| <i>Esox lucius</i> | 804524 | | Molidae | |
| As predator | | | <i>Ranzania laevis</i> | 806680 |
| Atherinidae | | | Exocoetidae | 804693 |
| <i>Menidia extensa</i> | 807835 | | Ephippidae | |
| Experimental analysis | | | <i>Drepane</i> | |
| Ictaluridae | | | As food for fish | |
| <i>Ictalurus melas</i> | 806912 | | Sciaenidae | |
| Pomoxis | | | <i>Pseudosciaena diacanthus</i> | 808570 |
| As food for fish | | | | |
| Esocidae | | | Lactariidae | |
| <i>Esox lucius</i> | 804524 | | <i>Lactarius lactarius</i> | |
| <i>Pomoxis nigromaculatus</i> | | | As food for fish | |
| As food for fish | | | Sciaenidae | |
| Peridae | | | <i>Pseudosciaena diacanthus</i> | 808570 |
| <i>Stizostedion canadense</i> | | | | |

| Menidae | | | Larva | | Environmental factors | |
|-----------------------------------|--|--|-----------------------------------|--|-----------------------|----------------------------|
| <i>Mene maculata</i> | | | Carangidae | | (continued) | |
| As food for fish | | | <i>Trachinotus carolinus</i> | | 804222 | |
| Istiophoridae | | | Young | | | |
| <i>Tetrapterus angustirostris</i> | | | Carangidae | | | |
| Scombridae | | | <i>Trachinotus carolinus</i> | | 807837 | Fish-to-fish relationships |
| <i>Thunnus albacares</i> | | | Aplodinotus grunniens | | | |
| | | | As food for fish | | | |
| | | | Percidae | | | |
| | | | <i>Stizostedion canadense</i> | | 804525 | |
| | | | <i>Stizostedion vitreum</i> | | 807791 | |
| | | | <i>Cynoscion arenarius</i> | | | |
| | | | As food for fish | | | |
| | | | Ictaluridae | | | |
| | | | <i>Ictalurus furcatus</i> | | 808514 | |
| | | | <i>Larimus peli</i> | | | |
| | | | As food for fish | | | |
| | | | Ariidae | | | |
| | | | <i>Arius heudeloti</i> | | 804552 | |
| | | | <i>Micropogon undulatus</i> | | | |
| | | | As food for fish | | | |
| | | | Bothidae | | | |
| | | | <i>Paralichthys lethostigma</i> | | 805068 | |
| | | | Serranidae | | | |
| | | | <i>Dicentrarchus labrax</i> | | | |
| | | | As predator | | | |
| | | | Gobiidae | | | |
| | | | <i>Gobius niger</i> | | 806118 | |
| | | | <i>Gobius ophiocephalus</i> | | 806118 | |
| | | | <i>Gobius paganellus</i> | | 806118 | |
| | | | <i>Dicentrarchus punctatus</i> | | | |
| | | | As predator | | | |
| | | | Gobiidae | | 806634 | |
| | | | <i>Morone americana</i> | | | |
| | | | As food for fish | | | |
| | | | Esocidae | | | |
| | | | <i>Esox lucius</i> | | 806512 | |
| | | | <i>Morone chrysops</i> | | | |
| | | | As food for fish | | | |
| | | | Percidae | | | |
| | | | <i>Stizostedion canadense</i> | | 804525 | |
| | | | <i>Stizostedion vitreum</i> | | 807791 | |
| | | | Polynemoidae | | | |
| | | | <i>Galeoides decadactylus</i> | | | |
| | | | As food for fish | | | |
| | | | Ariidae | | | |
| | | | <i>Arius heudeloti</i> | | 804552 | |
| | | | <i>Polynemus heptadactylus</i> | | | |
| | | | As food for fish | | | |
| | | | Sciaenidae | | | |
| | | | <i>Pseudosciaena diacanthus</i> | | 808570 | |
| | | | Gempylidae | | | |
| | | | As food for fish | | | |
| | | | Larva | | | |
| | | | Xiphiidae | | | |
| | | | <i>Xiphias gladius</i> | | 807692 | |
| | | | Istiophoridae | | | |
| | | | As food for fish | | | |
| | | | Larva | | | |
| | | | Xiphiidae | | | |
| | | | <i>Xiphias gladius</i> | | 807692 | |
| | | | As predator | | | |
| | | | Scombridae | | | |
| | | | <i>Thunnus alalunga</i> | | 808654 | |
| | | | Scombridae | | | |
| | | | As food for fish | | | |
| | | | Coryphaenidae | | | |
| | | | <i>Coryphaena hippurus</i> | | 805449 | |
| | | | Istiophoridae | | | |
| | | | <i>Istiophorus platypterus</i> | | 805449 | |
| | | | <i>Makaira nigricans</i> | | 805449 | |
| | | | <i>Tetrapterus albidus</i> | | 805449 | |
| | | | Scombridae | | | |
| | | | <i>Acanthocybium solanderi</i> | | 805449 | |
| | | | <i>Thunnus albacares</i> | | 805449 | |
| | | | Larva | | | |
| | | | Xiphiidae | | | |
| | | | <i>Xiphias gladius</i> | | 807692 | |
| | | | Euthynnus | | | |
| | | | As food for fish | | | |
| | | | Istiophoridae | | | |
| | | | <i>Makaira indica</i> | | 807932 | |
| | | | <i>Makaira nigricans</i> | | 807932 | |
| | | | <i>Euthynnus pelamis</i> | | | |
| | | | As food for fish | | | |
| | | | Istiophoridae | | | |
| | | | <i>Makaira indica</i> | | 808982 | |
| | | | <i>Makaira nigricans</i> | | 808982 | |
| | | | <i>Tetrapterus angustirostris</i> | | 808473 | |
| | | | | | 808982 | |
| | | | <i>Tetrapterus audax</i> | | 808474 | |
| | | | | | 808982 | |
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|---------------------------------------------|---------------------------------|--------|----------------------------------|--------|
| Environmental factors (continued) | Scombridae | | Pleuronectidae | |
| | <i>Thunnus alalunga</i> | 808474 | As food for fish | |
| | <i>Thunnus albacares</i> | 808473 | Pleuronectidae | |
| Fish-to-fish relationships | <i>Rastrelliger kanagurta</i> | 808982 | <i>Atheresthes stomias</i> | 808717 |
| | As food for fish | | Gadidae | |
| | Sciaenidae | | <i>Gadus morhua</i> | 807421 |
| | <i>Pseudosciaena diacanthus</i> | 808570 | Merlucciidae | |
| | <i>Scomberomorus maculatus</i> | | <i>Merluccius productus</i> | 808717 |
| | As food for fish | | <i>Lyopsetta exilis</i> | |
| | Bothidae | | As food for fish | |
| | <i>Paralichthys lethostigma</i> | 805068 | Merlucciidae | |
| | Megalopidae | | <i>Merluccius productus</i> | 805693 |
| | <i>Megalops atlantica</i> | 808186 | <i>Microstomus kitt</i> | |
| | <i>Thunnus</i> | | As predator | |
| | As food for fish | | Egg | |
| | Istiophoridae | | Clupeidae | |
| | <i>Makaira indica</i> | 807932 | <i>Clupea harengus</i> | 806555 |
| | <i>Makaira nigricans</i> | 807932 | Soleidae | |
| | As predator | | <i>Solea solea</i> | |
| | Paralepididae | | As predator | |
| | <i>Paralepis atlantica</i> | 808734 | Gobiidae | |
| | <i>Thunnus albacares</i> | | <i>Pomatoschistus marmoratus</i> | 806118 |
| | As predator | | <i>Pomatoschistus microps</i> | 806118 |
| | Trachipteridae | | | 806634 |
| | <i>Trachipterus woodi</i> | 804423 | Cottidae | |
| | Tetraگونuridae | | <i>Cottus asper</i> | |
| | <i>Tetraگونurus cuvieri</i> | 804423 | As predator | |
| Trichiuridae | | | Developing egg | |
| As food for fish | | | Cyprinidae | |
| Istiophoridae | | | <i>Ptychocheilus oregonensis</i> | 807786 |
| <i>Istiophorus platypterus</i> | 805449 | | Scorpenidae | |
| <i>Aphanopus carbo</i> | | | <i>Scorpaena</i> | |
| As predator | | | As food for fish | |
| Mycetophidae | | | Scorpenidae | |
| <i>Lampadena urophas</i> | 807148 | | <i>Sebastes flavidus</i> | 807482 |
| <i>Trichiurus</i> | | | <i>Sebastes</i> | |
| As food for fish | | | As food for fish | |
| Sciaenidae | | | Gadidae | |
| <i>Pseudosciaena diacanthus</i> | 808570 | | <i>Gadus morhua</i> | 807421 |
| Pangasiidae | | | <i>Sebastes jordani</i> | |
| <i>Pangasius pangasius</i> | 808572 | | As food for fish | |
| <i>Trichurus lepturus</i> | | | Zeidae | |
| As food for fish | | | <i>Zenopsis nebulosa</i> | 808733 |
| Ariidae | | | Balistidae | |
| <i>Arius heudeloti</i> | 804552 | | As food for fish | |
| Xiphiidae | | | Coryphaenidae | |
| <i>Xiphias gladius</i> | | | <i>Coryphaena hippurus</i> | 805449 |
| As food for fish | | | Scombridae | |
| Hexanchiformes | | | <i>Thunnus albacares</i> | 808474 |
| <i>Hexanchus griseus</i> | 803737 | | Larva | |
| Sphyracnoidei | | | Xiphiidae | |
| As food for fish | | | <i>Xiphias gladius</i> | 807692 |
| Scombridae | | | <i>Alutera</i> | |
| <i>Thunnus albacares</i> | 808473 | | As food for fish | |
| Megalopidae | | | Scombridae | |
| <i>Megalops atlantica</i> | 808186 | | <i>Thunnus albacares</i> | 808473 |
| Nomidae | | | | |
| As food for fish | | | Molidae | |
| Larva | | | <i>Mola</i> | |
| Xiphiidae | | | As commensal | |
| <i>Xiphias gladius</i> | 807692 | | Centrolophidae | |
| Stromateidae | | | <i>Centrolophus maoricus</i> | 804850 |
| As food for fish | | | Ostracidae | |
| Larva | | | <i>Ostracion meleagris</i> | |
| Xiphiidae | | | Rejection as food | |
| <i>Xiphias gladius</i> | 807692 | | Carcharhinidae | |
| Dactyloscopidae | | | <i>Carcharhinus</i> | 807595 |
| As food for fish | | | Sphyracnoidei | |
| Mullidae | | | <i>Sphyracna barracuda</i> | 807595 |
| <i>Mulloidichthys dentatus</i> | 808465 | | Tetraodontidae | |
| Sciaenidae | | | As food for fish | |
| <i>Umbrina xanti</i> | 808465 | | Coryphaenidae | |
| <i>Crapatalus</i> | | | <i>Coryphaena hippurus</i> | 805449 |
| As food for fish | | | Scombridae | |
| Sparidae | | | <i>Thunnus alalunga</i> | 808982 |
| <i>Chrysophrys auratus</i> | 806043 | | Larva | |
| Trachinidae | | | Xiphiidae | |
| <i>Trachinus draco</i> | | | <i>Xiphias gladius</i> | 807692 |
| As food for fish | | | Zeidae | |
| Scophthalmidae | | | As food for fish | |
| <i>Scophthalmus macoticus</i> | 807274 | | Scombridae | |
| Uranoscopidae | | | <i>Thunnus albacares</i> | 808982 |
| <i>Gnathagnus</i> | | | Atherinidae | |
| As food for fish | | | As food for fish | |
| Sparidae | | | Larva | |
| <i>Chrysophrys auratus</i> | 806043 | | Xiphiidae | |
| Cynoglossidae | | | <i>Xiphias gladius</i> | 807692 |
| <i>Cynoglossus</i> | | | <i>Atherina boyeri</i> | |
| As food for fish | | | As food for fish | |
| Sciaenidae | | | Gobiidae | |
| <i>Pseudosciaena diacanthus</i> | 808570 | | <i>Gobius niger</i> | 806634 |
| Pangasiidae | | | <i>Gobius ophiocephalus</i> | 806634 |
| <i>Pangasius pangasius</i> | 808572 | | <i>Gobius paganellus</i> | 806634 |

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|-----------------------------------|--------|----------------------------------|--------|------------------------------|
| <i>Atherina mochon</i> | | Gadidae | | Environmental factors |
| As food for fish | | <i>Gadus morhua</i> | 807421 | (continued) |
| Clupeidae | | <i>Melanogrammus aeglefinus</i> | 808035 | |
| <i>Alosa brashnikovi</i> | 807717 | <i>Clupeonella cultriventris</i> | 807421 | |
| <i>Alosa kessleri</i> | 807717 | As food for fish | | Fish-to-fish |
| <i>Praneus capricornensis</i> | | Percidae | | relationships |
| As food for fish | | <i>Perca fluviatilis</i> | 804897 | |
| Serranidae | | <i>Stizostedion lucioperca</i> | 804897 | |
| <i>Plectropomus maculatus</i> | 805724 | Esocidae | | |
| Cyprinodontidae | | <i>Esox lucius</i> | 804897 | |
| <i>Adinia xenica</i> | | <i>Clupeonella delicatula</i> | | |
| As food for fish | | As food for fish | | |
| Bothidae | | Clupeidae | | |
| <i>Paralichthys lethostigma</i> | 805068 | <i>Alosa brashnikovi</i> | 807717 | |
| <i>Aphanius fasciatus</i> | | <i>Alosa kessleri</i> | 807717 | |
| As food for fish | | | 807748 | |
| Gobiidae | | <i>Dorosoma cepedianum</i> | | |
| <i>Gobius niger</i> | 806634 | As food for fish | | |
| <i>Gobius ophiocephalus</i> | 806634 | Percidae | | |
| <i>Gobius paganellus</i> | 806634 | <i>Stizostedion canadense</i> | 806166 | |
| <i>Fundulus diaphanus</i> | | <i>Harengula</i> | | |
| As food for fish | | As food for fish | | |
| Salmonidae | | Megalopidae | | |
| <i>Salmo salar</i> | 807863 | <i>Megalops atlantica</i> | 808186 | |
| <i>Salvelinus fontinalis</i> | 807863 | <i>Harengula thrissina</i> | | |
| <i>Fundulus majalis</i> | | As food for fish | | |
| As food for fish | | Carangidae | | |
| Bothidae | | <i>Caranx hippos</i> | 808465 | |
| <i>Paralichthys lethostigma</i> | 805068 | <i>Nematistius pectoralis</i> | 808465 | |
| <i>Fundulus similis</i> | | Serranidae | | |
| As food for fish | | <i>Mycteroperca rosacea</i> | 808465 | |
| Bothidae | | <i>Ilisa dolloi</i> | | |
| <i>Paralichthys lethostigma</i> | 805068 | As food for fish | | |
| Poeciliidae | | Ariidae | 804552 | |
| As food for fish | | <i>Arius heudeloti</i> | | |
| Elopidae | | <i>Opisthonema oglinum</i> | | |
| <i>Elops saurus</i> | 808190 | As food for fish | | |
| Megalopidae | | Megalopidae | | |
| <i>Megalops atlantica</i> | 808186 | <i>Megalops atlantica</i> | 808186 | |
| <i>Gambusia</i> | | <i>Sardinops neopilchardus</i> | | |
| As food for fish | | As food for fish | | |
| Young | | Sparidae | | |
| Esocidae | | <i>Chrysophrys auratus</i> | 806043 | |
| <i>Esox lucius</i> | 806131 | <i>Spratelloides delicatulus</i> | | |
| <i>Gambusia affinis</i> | | As food for fish | | |
| As food for fish | | Serranidae | | |
| Pollutant content | | <i>Plectropomus maculatus</i> | 805724 | |
| Centrarchidae | | <i>Sprattus sprattus</i> | | |
| <i>Lepomis macrochirus</i> | 808927 | As food for fish | | |
| <i>Micropterus salmoides</i> | 808927 | Clupeidae | | |
| Esocidae | | <i>Alosa caspia</i> | 805365 | |
| <i>Esox americanus</i> | 808927 | <i>Alosa fallax</i> | 807242 | |
| <i>Poecilia latipinna</i> | | <i>Alosa maeotica</i> | 805365 | |
| As food for fish | | <i>Alosa pontica</i> | 805365 | |
| Ictaluridae | | Engraulidae | | |
| <i>Ictalurus furcatus</i> | 808514 | As food for fish | | |
| <i>Ictalurus punctatus</i> | 808514 | Sciaenidae | | |
| Exocoetidae | | <i>Pseudosciaena diacanthus</i> | 808570 | |
| As food for fish | | Clupeidae | | |
| Istiophoridae | | <i>Alosa kessleri</i> | 807748 | |
| <i>Tetrapterus angustirostris</i> | 808982 | Megalopidae | | |
| <i>Tetrapterus audax</i> | 808982 | <i>Megalops atlantica</i> | 808186 | |
| Scombridae | | Larva | | |
| <i>Acanthocybium solanderi</i> | 805449 | Xiphiidae | | |
| <i>Thunnus obesus</i> | 808982 | <i>Xiphias gladius</i> | 807692 | |
| Larva | | <i>Anchoa</i> | | |
| Xiphiidae | | As food for fish | | |
| <i>Xiphias gladius</i> | 807692 | Bothidae | | |
| Clupeomorpha | | <i>Paralichthys lethostigma</i> | 805068 | |
| As food for fish | | <i>Anchoa mitchilli</i> | | |
| Serranidae | | As food for fish | | |
| <i>Paralabrax clathratus</i> | 807229 | Ictaluridae | | |
| Clupeidae | | <i>Ictalurus furcatus</i> | 808514 | |
| <i>Alosa pseudoharengus</i> | | <i>Ictalurus punctatus</i> | 808514 | |
| As food for fish | | <i>Coilia dussumieri</i> | | |
| Esocidae | | As food for fish | | |
| <i>Esox lucius</i> | 806512 | Sciaenidae | | |
| Salmonidae | | <i>Johnius dussumieri</i> | 806372 | |
| <i>Salmo salar</i> | 807863 | <i>Engraulis</i> | | |
| <i>Salvelinus fontinalis</i> | 807863 | As food for fish | | |
| <i>Clupea</i> | | Lutjanidae | | |
| As food for fish | | <i>Lutjanus jahngarah</i> | 806964 | |
| Salmonidae | | | 808217 | |
| <i>Oncorhynchus</i> | 807484 | <i>Engraulis australis</i> | | |
| <i>Clupea antipodum</i> | | As food for fish | | |
| As food for fish | | Sparidae | | |
| Gempylidae | | <i>Chrysophrys auratus</i> | 806043 | |
| <i>Thyrsites atun</i> | 804831 | Scombridae | | |
| <i>Clupea harengus</i> | | <i>Euthynnus pelamis</i> | 808364 | |
| As food for fish | | <i>Thunnus alalunga</i> | 808364 | |
| Pleuronectidae | | | | |
| <i>Hippoglossus hippoglossus</i> | 805331 | | | |
| <i>Lepidopsetta bilineata</i> | 807906 | | | |

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|--------------------------------------|---------------------------------|--------|----------------------------------|--------|
| Environmental factors (continued) | <i>Engraulis encrasicolus</i> | | <i>Catostomus commersoni</i> | |
| | As food for fish | | As food for fish | |
| Fish-to-fish relationships | Carangidae | | Percidae | |
| | <i>Lichia vadigo</i> | 806482 | <i>Stizostedion vitreum</i> | 807791 |
| | Clupeidae | | As predator | |
| | <i>Alosa brashnikovii</i> | 807717 | Developing egg | |
| | <i>Alosa caspia</i> | 805365 | Salmonidae | |
| | <i>Alosa kessleri</i> | 807717 | <i>Prosopium cylindraceum</i> | 807774 |
| | <i>Alosa maotica</i> | 805365 | <i>Salvelinus namaycush</i> | 808528 |
| | <i>Alosa pontica</i> | 805365 | | |
| | <i>Thrissocles</i> | | Cobitidae | |
| | As food for fish | | <i>Cobitis taenia</i> | |
| | Larva | | As food for fish | |
| | Clupeidae | | Percidae | |
| | <i>Opisthopterus tardoore</i> | 808574 | <i>Perca fluviatilis</i> | 804897 |
| | | | Siluridae | |
| Anguillidae | | | <i>Silurus glanis</i> | 804897 |
| | <i>Anguilla anguilla</i> | | Esocidae | |
| | As predator | | <i>Esox lucius</i> | 804897 |
| | Gobiidae | 806634 | | |
| | <i>Gobius niger</i> | 806118 | Cyprinidae | |
| | <i>Gobius ophiocephalus</i> | 806118 | As food for fish | |
| | <i>Gobius paganellus</i> | 806118 | Centrarchidae | |
| | <i>Anguilla australis</i> | | <i>Micropterus punctulatus</i> | 807864 |
| | As predator | | Percidae | |
| | Salmonidae | | <i>Perca fluviatilis</i> | 804897 |
| | <i>Salmo trutta</i> | 806016 | <i>Stizostedion lucioerca</i> | 805805 |
| | <i>Anguilla dieffenbachii</i> | | Clupeidae | |
| | As predator | | <i>Alosa kessleri</i> | 807748 |
| | Salmonidae | | Cyprinidae | 804897 |
| Moringuidae | <i>Salmo trutta</i> | 806016 | Siluridae | |
| | <i>Raitoborua raitoborua</i> | | <i>Silurus glanis</i> | 804897 |
| | As food for fish | | Esocidae | |
| | Pangasidae | | <i>Esox lucius</i> | 804524 |
| | <i>Pangasius pangasius</i> | 808572 | | 804897 |
| | | | | 807870 |
| | Muraenesocidae | | Developing egg | |
| | <i>Muraenesox</i> | | Cyprinidae | |
| | As food for fish | | <i>Cyprinus carpio</i> | 805606 |
| | Sciaenidae | | Young | |
| | <i>Pseudosciaena diacanthus</i> | 808570 | Channiformes | |
| | | | <i>Channa marulius</i> | 806966 |
| | Muraenidae | | <i>Esox lucius</i> | 807718 |
| | As predator | | As predator | |
| | Acanthuridae | 805679 | Egg | |
| Ophichthidae | | | Salmonidae | |
| | As food for fish | | <i>Coregonus clupeoides</i> | 803672 |
| | Dasyatidae | | <i>Semotilus atromaculatus</i> | |
| | <i>Dasyatis centroura</i> | 804187 | As food for fish | |
| | Fistulariidae | | Petromyzontomorpha | |
| | <i>Fistularia petimba</i> | 808465 | <i>Ichthyomyzon castaneus</i> | 806821 |
| | Pomadasysidae | | | |
| | <i>Haemulon sexfasciatum</i> | 808465 | | |
| | | | Ariidae | |
| | Characidae | | <i>Arius felis</i> | |
| | As food for fish | | As food for fish | |
| | Centropomidae | | Bothidae | |
| | <i>Lates niloticus</i> | 805378 | <i>Paralichthys lethostigma</i> | 805068 |
| | <i>Hydrocyon vittatus</i> | | | |
| | As predator | | | |
| Characidae | Young | | Clariidae | |
| | Cichlidae | | As food for fish | |
| | <i>Tilapia melanopleura</i> | 806049 | Centropomidae | |
| | <i>Tilapia mossambica</i> | 806049 | <i>Lates niloticus</i> | 805378 |
| | | | <i>Clarias gariepinus</i> | |
| | <i>Serrasalmus</i> | | As predator | |
| | As predator | | Cichlidae | |
| | Doradidae | | <i>Tilapia melanopleura</i> | 806049 |
| | <i>Hassar orestis</i> | 804731 | <i>Tilapia mossambica</i> | 806049 |
| | | | | |
| | Erythrinidae | | Ictaluridae | |
| | <i>Hoplias malabaricus</i> | | <i>Ictalurus</i> | |
| | As predator | | As food for fish | |
| | Cichlidae | | Ictaluridae | |
| | <i>Acaronia nassa</i> | 804217 | <i>Ictalurus furcatus</i> | 808514 |
| | <i>Cichla ocellaris</i> | 804217 | <i>Ictalurus nebulosus</i> | |
| | <i>Cichlasoma bimaculatum</i> | 804217 | As predator | |
| | <i>Cichlasoma festivum</i> | 804217 | Developing egg | |
| | <i>Crenicichla saxatilis</i> | 804217 | Salmonidae | |
| Hepsetidae | | | <i>Prosopium cylindraceum</i> | 807774 |
| | <i>Hepsetus odoe</i> | | <i>Salvelinus namaycush</i> | 808528 |
| | As predator | | | |
| | Cyprinodontidae | | Schilbeidae | |
| | <i>Epiplatys bifasciatus</i> | 808275 | <i>Eutropius depressirostris</i> | |
| | | | As predator | |
| | Catostomidae | | Cichlidae | |
| | <i>Carpiodes cyprinus</i> | | <i>Tilapia melanopleura</i> | 806049 |
| | As food for fish | | <i>Tilapia mossambica</i> | 806049 |
| | Percidae | | | |
| | <i>Stizostedion vitreum</i> | 807791 | Mormyridae | |
| | <i>Catostomus</i> | | As food for fish | |
| | As food for fish | | Centropomidae | |
| | Young | | <i>Lates niloticus</i> | 805378 |
| | Gadidae | | <i>Mormyrops deliciosus</i> | |
| | <i>Lota lota</i> | 808486 | As predator | |
| | Esocidae | | Cichlidae | |
| | <i>Esox lucius</i> | 808486 | <i>Tilapia melanopleura</i> | 806049 |
| | Salmonidae | 808486 | <i>Tilapia mossambica</i> | 806049 |

| Bregmacerotidae | | Percopsidae | | Environmental factors | | |
|-------------------------------------|--------|-----------------------------------|--|-----------------------|----------------------------|--|
| <i>Bregmaceros maclellandi</i> | | <i>Percopsis omiscomaycus</i> | | (continued) | | |
| As food for fish | | As food for fish | | | | |
| Sciaenidae | | Percidae | | | | |
| <i>Johnius dussumieri</i> | 806372 | <i>Stizostedion canadense</i> | | 804525 | Fish-to-fish relationships | |
| <i>Pseudosciaena diacanthus</i> | 808570 | <i>Stizostedion vitreum</i> | | 807791 | | |
| Chauliodontidae | | Esocidae | | | | |
| <i>Chauliodus sloanei</i> | 805924 | <i>Esox lucius</i> | | 806512 | | |
| Gadidae | | Argentiniidae | | | | |
| <i>Boreogadus saida</i> | | <i>Argentina silus</i> | | | | |
| As food for fish | | As food for fish | | | | |
| Pleuronectidae | | Gadidae | | | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Gadus morhua</i> | | 807421 | | |
| <i>Gadus morhua</i> | | <i>Melanogrammus aeglefinus</i> | | 807421 | | |
| As predator | | Esocidae | | | | |
| Pleuronectidae | | <i>Esox</i> | | | | |
| <i>Hippoglossoides platessoides</i> | 807417 | As predator | | | | |
| Scorpaenidae | | Salmonidae | | | | |
| <i>Sebastes marinus</i> | 808074 | <i>Prosopium cylindraceum</i> | | 807774 | | |
| <i>Sebastes mentella</i> | 808074 | <i>Esox lucius</i> | | | | |
| Gadidae | | As predator | | | | |
| <i>Pollachius virens</i> | 808097 | Percidae | | | | |
| <i>Lota lota</i> | | <i>Perca flavescens</i> | | 807446 | | |
| As food for fish | | <i>Perca fluviatilis</i> | | 806256 | | |
| Percidae | | Cyprinidae | | | | |
| <i>Stizostedion canadense</i> | 804525 | <i>Leucaspisus delineatus</i> | | 805690 | | |
| Salmonidae | | <i>Notropis hudsonius</i> | | 807446 | | |
| <i>Stenodus leucichthys</i> | 806835 | <i>Rutilus rutilus</i> | | 806251 | | |
| As predator | | Osmeridae | | | | |
| Cottidae | | <i>Osmerus eperlanus</i> | | 806256 | | |
| <i>Cottus cognatus</i> | 806834 | Salmonidae | | | | |
| Salmonidae | | <i>Coregonus albula</i> | | 806256 | | |
| Developing egg | | <i>Coregonus clupeoides</i> | | 803672 | | |
| Salmonidae | | Umbridae | | | | |
| <i>Prosopium cylindraceum</i> | 807774 | <i>Dallia pectoralis</i> | | | | |
| <i>Melanogrammus aeglefinus</i> | | As food for fish | | | | |
| As predator | | Salmonidae | | | | |
| Egg | | <i>Stenodus leucichthys</i> | | 806835 | | |
| Clupeidae | | <i>Novumbra hubbsi</i> | | | | |
| <i>Clupea harengus</i> | 806555 | As predator | | | | |
| <i>Merlangius merlangus</i> | | Gasterosteidae | | | | |
| As food for fish | | <i>Gasterosteus aculeatus</i> | | 807543 | | |
| Scophthalmidae | | Alepisauridae | | | | |
| <i>Scophthalmus macoticus</i> | 807274 | As food for fish | | | | |
| <i>Micromesistius poulassou</i> | | Istiophoridae | | | | |
| As food for fish | | <i>Makaira nigricans</i> | | 808473 | | |
| Rajidae | | <i>Tetrapterus angustirostris</i> | | 808474 | | |
| <i>Raja circularis</i> | 806420 | | | 808982 | | |
| <i>Raja fullonica</i> | 806420 | <i>Tetrapterus audax</i> | | 808473 | | |
| <i>Raja naevus</i> | 806420 | | | 808474 | | |
| Pleuronectidae | | Scombridae | | | | |
| <i>Hippoglossus hippoglossus</i> | 805331 | <i>Thunnus alalunga</i> | | 808474 | | |
| <i>Physiculus bacchus</i> | | <i>Thunnus albacares</i> | | 808473 | | |
| As food for fish | | | | 808474 | | |
| Gempylidae | | <i>Thunnus obesus</i> | | 808982 | | |
| <i>Thyrssites atun</i> | 804831 | | | 808982 | | |
| <i>Trisopterus minutus</i> | | <i>Alepisaurus</i> | | | | |
| As food for fish | | As predator | | | | |
| Rajidae | | Teleostei | | 807697 | | |
| <i>Raja batis</i> | 806420 | Bramidae | | 807697 | | |
| <i>Raja montagui</i> | 806420 | Gempylidae | | 807697 | | |
| <i>Urophycis tenuis</i> | | Nomeidae | | | | |
| As food for fish | | <i>Cubiceps</i> | | 807697 | | |
| Echinorhinidae | | Myctophidae | | 807697 | | |
| <i>Echinorhinus brucus</i> | 807588 | Paralepididae | | 807697 | | |
| Macrouridae | | Sternoptychidae | | | | |
| <i>Macruronus novaezelandiae</i> | | <i>Sternoptyx diaphana</i> | | 807697 | | |
| As food for fish | | Harpadontidae | | | | |
| Gempylidae | | <i>Harpadon nehereus</i> | | | | |
| <i>Thyrssites atun</i> | 804831 | As food for fish | | | | |
| <i>Paramacrus australis</i> | | Sciaenidae | | | | |
| As food for fish | | <i>Pseudosciaena diacanthus</i> | | 808570 | | |
| Gempylidae | | Pangasiidae | | | | |
| <i>Thyrssites atun</i> | 804831 | <i>Pangasius pangasius</i> | | 808572 | | |
| Merlucciidae | | Myctophidae | | | | |
| <i>Merluccius angustimanus</i> | | As food for fish | | | | |
| As predator | | Istiophoridae | | | | |
| Scyliorhinidae | | <i>Tetrapterus angustirostris</i> | | 808982 | | |
| <i>Galeus piperatus</i> | 805095 | Scombridae | | | | |
| <i>Merluccius bilinearis</i> | | <i>Thunnus albacares</i> | | 808473 | | |
| As food for fish | | | | 808982 | | |
| Gadidae | | <i>Thunnus obesus</i> | | 808982 | | |
| <i>Gadus morhua</i> | 807421 | Larva | | | | |
| <i>Melanogrammus aeglefinus</i> | 807421 | Xiphiidae | | | | |
| As predator | | <i>Xiphias gladius</i> | | 807692 | | |
| Myctophidae | | <i>Electrona antarctica</i> | | | | |
| <i>Ceratoscopelus maderensis</i> | 807517 | As food for fish | | | | |
| Zoaridae | | Trichiuridae | | | | |
| <i>Lycodes</i> | | <i>Paradiplosinus gracilis</i> | | 807663 | | |
| As food for fish | | | | | | |
| Pleuronectidae | | | | | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | | | | | |

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|--------------------------------------|-------------------------------------|--------|----------------------------------|--------|
| Environmental factors (continued) | <i>Protomyctophum tenisoni</i> | | Squalidae | |
| | As food for fish | | <i>Somniosus microcephalus</i> | 807348 |
| | Trichiuridae | | As predator | |
| Fish-to-fish relationships | <i>Paradiplaspinus gracilis</i> | 807663 | Developing egg | |
| | <i>Stenobranichius leucopsarus</i> | | Salmonidae | |
| | As food for fish | | <i>Oncorhynchus</i> | 807696 |
| | Scorpaenidae | | Young | |
| | <i>Sebastes flavidus</i> | 807482 | Salmonidae | |
| | Paralepididae | | <i>Oncorhynchus</i> | 807696 |
| | <i>Paralepis</i> | | <i>Salvelinus fontinalis</i> | |
| | As food for fish | | As food for fish | |
| | Chauliodontidae | | Esocidae | |
| | <i>Chauliodus sloanei</i> | 805924 | <i>Esox lucius</i> | 804524 |
| Synodontidae | As food for fish | | Salmonidae | |
| | Serranidae | | <i>Salvelinus alpinus</i> | 805541 |
| | <i>Plecropomus maculatus</i> | 805724 | <i>Salvelinus leucomacnis</i> | |
| | Osmeridae | | As predator | |
| | <i>Malottus villosus</i> | | Salmonidae | |
| | As food for fish | | <i>Oncorhynchus keta</i> | 807669 |
| | Rajidae | | Chauliodontidae | |
| | <i>Raja spinicauda</i> | 807766 | As food for fish | |
| | Pleuronectidae | | Scorpaenidae | |
| | <i>Reinhardtius hippoglossoides</i> | 807106 | <i>Sebastes alutus</i> | 807924 |
| Osmerus eperlanus | As food for fish | 807767 | Gonostomatidae | |
| | Percididae | | <i>Vinciguerra</i> | |
| | <i>Stizostedion lucioperca</i> | 807718 | As food for fish | |
| | Esocidae | | Larva | |
| | <i>Esox lucius</i> | 807718 | Xiphiidae | |
| | <i>Osmerus mordax</i> | | <i>Xiphias gladius</i> | 807692 |
| | As food for fish | | Sternorhynchidae | |
| | Esocidae | | As food for fish | |
| | <i>Esox lucius</i> | 806512 | Larva | |
| | Salmonidae | | Xiphiidae | |
| Plecoglossidae | <i>Salmo salar</i> | 807440 | <i>Xiphias gladius</i> | 807692 |
| | | 807780 | Lethal environmental limits | |
| | | 807863 | Larva | |
| | <i>Salvelinus alpinus</i> | 805541 | Teleostei | 809081 |
| | <i>Salvelinus fontinalis</i> | 805541 | Light | |
| | | 807863 | Egg | |
| | | | Salmonidae | |
| | | | <i>Salmo gairdneri</i> | 804489 |
| | | | Seasonal changes | |
| | | | Temperature | |
| Plecoglossus altivelis | As predator | | Cyprinodontidae | |
| | Gobiidae | | <i>Cyprinodon macularius</i> | 803837 |
| | <i>Chaenogobius isaza</i> | 807948 | Fish control agents | |
| | As food for fish | | Experimental analysis | |
| | Young | | Teleostei | 808604 |
| | Anguillidae | | Change with age | |
| | <i>Anguilla anguilla</i> | 805974 | Teleostei | 808604 |
| | As predator | | Distribution | |
| | Cottidae | | Teleostei | 808135 |
| | <i>Cottus beldingi</i> | 808721 | | 808179 |
| Coregonus | As food for fish | | Serranidae | |
| | Salmonidae | | <i>Spinephelus</i> | 807225 |
| | <i>Stenodus leucichthys</i> | 806835 | Bothidae | |
| | <i>Oncorhynchus nerka</i> | | <i>Paralichthys californicus</i> | 807225 |
| | As food for fish | | Salmonidae | |
| | Petromyzontomorpha | | <i>Salmo trutta</i> | 807798 |
| | <i>Lampetra japonica</i> | 807008 | Egg | |
| | Salmonidae | | Seasonal changes | |
| | <i>Salvelinus alpinus</i> | 809034 | Callionymidae | |
| | <i>Prosopium coulteri</i> | | <i>Callionymus lyra</i> | 805664 |
| Salmo gairdneri | As food for fish | | Carangidae | |
| | Petromyzontomorpha | | <i>Trachurus trachurus</i> | 805664 |
| | <i>Lampetra japonica</i> | 807008 | Sparidae | |
| | As food for fish | | <i>Pagellus bogaraveo</i> | 805664 |
| | Petromyzontomorpha | | Scombridae | |
| | <i>Lampetra japonica</i> | 807008 | <i>Scomber scombrus</i> | 805664 |
| | As food for fish | | Bothidae | |
| | Petromyzontomorpha | | <i>Armoglossus laterna</i> | 805664 |
| | <i>Lampetra japonica</i> | 807008 | Soleidae | |
| | As predator | | <i>Microchirus variegatus</i> | 805664 |
| Salmonidae | Salmonidae | | <i>Solea solea</i> | 805664 |
| | <i>Oncorhynchus tshawytscha</i> | 806873 | Triglidae | |
| | <i>Salmo salar</i> | | <i>Trigla gurnardus</i> | 805664 |
| | As food for fish | | Clupeidae | |
| | Rajidae | | <i>Sardina pilchardus</i> | 805664 |
| | <i>Raja spinicauda</i> | 807766 | <i>Sprattus sprattus</i> | 805664 |
| | Belonidae | | Engraulidae | |
| | <i>Belone bellone</i> | 808080 | <i>Engraulis encrasicolus</i> | 805664 |
| | Fry | | Gadidae | |
| | Salmonidae | | Merlucciidae | |
| Salmo trutta | <i>Prosopium cylindraceum</i> | 807774 | <i>Merluccius merluccius</i> | 805664 |
| | As predator | | Argentinidae | |
| | Egg | | <i>Argentina sphyraena</i> | 805664 |
| | Salmonidae | | Myctophidae | |
| | <i>Coregonus clupeioides</i> | 803672 | Gonostomatidae | |
| | <i>Salvelinus alpinus</i> | | <i>Maurollicus pennanti</i> | 805664 |
| | As food for fish | | Larva | |
| | | | Scombridae | |
| | | | <i>Euthynnus pelamis</i> | 804893 |
| | | | <i>Thunnus albacares</i> | 804893 |
| | | | <i>Thunnus obesus</i> | 804893 |

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|--------------------------------------------|--------|--------------------------------------------|--------|-------------------------|
| Merlucciidae | | <i>Tilapia mossambica</i> | 803713 | Geographic distribution |
| <i>Merluccius productus</i> | 806504 | | 806934 | |
| Seasonal changes | | <i>Tilapia nilotica</i> | 803676 | |
| Ammodytidae | | <i>Tilapia spilurus</i> | 808971 | |
| <i>Ammodytes lanceolatus</i> | 805664 | <i>Tilapia zilli</i> | 808971 | |
| Callionymidae | | Percidae | | |
| <i>Callionymus lyra</i> | 805664 | <i>Perca fluviatilis</i> | 806844 | |
| Carangidae | | <i>Sitostedion lucioperca</i> | 805962 | |
| <i>Trachurus trachurus</i> | 805664 | Serranidae | | |
| Spandae | | <i>Epinephelus tauvina</i> | 805477 | |
| <i>Pagellus bogaraveo</i> | 805664 | Atherinidae | | |
| Scombridae | | <i>Atherina boyeri</i> | 806844 | |
| <i>Scomber scombrus</i> | 805664 | <i>Atherina mochon</i> | 808300 | |
| Bothidae | | Cyprinodontidae | | |
| <i>Arnoglossus laterna</i> | 805664 | <i>Aphanius fasciatus</i> | 806844 | |
| Soleidae | | Poeciliidae | 808437 | |
| <i>Solea solea</i> | 805664 | <i>Gambusia affinis</i> | 803758 | |
| Clupeidae | | | 806282 | |
| <i>Sardina pilchardus</i> | 805664 | | 806844 | |
| <i>Sprattus sprattus</i> | 805664 | | 808971 | |
| Engraulidae | | <i>Poecilia latipinna</i> | 803758 | |
| <i>Engraulis encrasicolus</i> | 805664 | <i>Poecilia reticulata</i> | 803758 | |
| Gadidae | 805664 | | 804407 | |
| Merlucciidae | | | 808971 | |
| <i>Merluccius merluccius</i> | 805664 | <i>Poecilia spheonops</i> | 808269 | |
| Argentinidae | | <i>Xiphophorus</i> | 808269 | |
| <i>Argentina sphyraena</i> | 805664 | <i>Xiphophorus helleri</i> | 803758 | |
| Paralepididae | | | 805842 | |
| <i>Paralepis rissoi</i> | 805664 | Clupeidae | | |
| Gonostomatidae | | <i>Alosa pseudoharengus</i> | 807162 | |
| <i>Maurolicus pennanti</i> | 805664 | Cyprinidae | | |
| Stomiidae | | <i>Carassius auratus</i> | 806282 | |
| <i>Stomias ferox</i> | 805664 | <i>Ctenopharyngodon idella</i> | 804572 | |
| Mesopelagic zone | | | 804931 | |
| Teleostei | 806209 | <i>Hypophthalmichthys molitrix</i> | 805711 | |
| Bathypelagic zone | | <i>Notemigonus crysoleucas</i> | 808730 | |
| Teleostei | 806209 | <i>Pseudorasbora parva</i> | 806282 | |
| Abyssopelagic zone | | Clariidae | | |
| Teleostei | 806209 | <i>Clarias batrachus</i> | 803676 | |
| Bathyal zone | | | 804875 | |
| Teleostei | 806209 | | 808708 | |
| Abyssal zone | | Ictaluridae | | |
| Teleostei | 806209 | <i>Ictalurus</i> | 806367 | |
| Expansion of range by natural means | | <i>Ictalurus melas</i> | 806282 | |
| Gobiidae | | <i>Ictalurus nebulosus</i> | 808730 | |
| <i>Gobio schmidt</i> | 808351 | <i>Pygocentrus nattereri</i> | 808720 | |
| <i>Gobius paganellus</i> | 808351 | Loricariidae | | |
| Carangidae | | <i>Plecotomus</i> | 805754 | |
| <i>Lichia amia</i> | 808351 | Umbridae | | |
| <i>Naucrates ductor</i> | 808351 | <i>Umbra krameri</i> | 804771 | |
| Pomatidae | | Osmeridae | | |
| <i>Pomatotus saltatrix</i> | 808351 | <i>Osmerus mordax</i> | 804390 | |
| Sparidae | 808351 | | 807110 | |
| Scombridae | | Salmonidae | 806282 | |
| <i>Scomber japonicus</i> | 808351 | <i>Salmo gairdneri</i> | 807110 | |
| Xiphidae | | <i>Salmo trutta</i> | 808971 | |
| <i>Xiphias gladius</i> | 808351 | <i>Salvelinus fontinalis</i> | 808971 | |
| Sphyraenidae | | Experimental analysis | 807450 | |
| <i>Sphyraena sphyraena</i> | 808351 | Gobiidae | | |
| Cottidae | | <i>Gobiosoma nudum</i> | 807604 | |
| <i>Cottus gobio</i> | 805459 | Reduction of range by natural means | | |
| <i>Cottus poecilopus</i> | 805459 | Teleostei | 808318 | |
| Balistidae | | Reduction of range by man | | |
| <i>Balistes capricornis</i> | 808351 | Petromyzontomorphs | | |
| Cyprinodontidae | | <i>Lampetra fluviatilis</i> | 807198 | |
| <i>Rivulus marmoratus</i> | 804916 | Acipenseromorphs | | |
| Cyprinidae | | <i>Acipenser stellatus</i> | 807706 | |
| <i>Leuciscus lepidus</i> | 805478 | <i>Acipenser sturio</i> | 806415 | |
| Clariidae | | | 806844 | |
| <i>Clarias lazera</i> | 805478 | | 807198 | |
| Merlucciidae | | | 807110 | |
| <i>Merluccius merluccius</i> | 808351 | <i>Polyodon spathula</i> | | |
| Stream capture | | Centrarchidae | | |
| Teleostei | 806446 | <i>Lepomis humilis</i> | 807268 | |
| Larval dispersion | | <i>Pomoxis nigromaculatus</i> | 807268 | |
| Acanthuridae | 805679 | Percidae | 807268 | |
| Expansion of range by man | 806211 | Cottidae | | |
| Elasmobranchii | 808772 | <i>Cottus gobio</i> | 805199 | |
| Teleostei | 806132 | <i>Cottus poecilopus</i> | 805199 | |
| | 808371 | Atherinidae | | |
| | 808740 | <i>Labidesthes sicculus</i> | 807268 | |
| | 808772 | Clupeidae | | |
| Gobiidae | | <i>Alosa fallax</i> | 807198 | |
| <i>Glossogobius giuris</i> | 806132 | Catostomidae | | |
| Mugiloidae | | <i>Cyprinus elongatus</i> | 803895 | |
| Centrarchidae | | <i>Hypentelium nigricans</i> | 807268 | |
| <i>Lepomis gibbosus</i> | 806282 | <i>Lagochila lacer</i> | 807614 | |
| <i>Mugil</i> | 806844 | <i>Minytrema melanops</i> | 807268 | |
| <i>Rhinomugil corsula</i> | 806902 | Cyprinidae | 807110 | |
| Cichlidae | | | 807198 | |
| <i>Cichlasoma nigrofasciatum</i> | 803758 | <i>Barbus barbus</i> | 806415 | |
| | 808437 | <i>Gila robusta</i> | 807794 | |
| <i>Tilapia</i> | 808745 | <i>Nocomis biguttatus</i> | 803895 | |
| <i>Tilapia melanopleura</i> | 808971 | <i>Notropis animumus</i> | 807614 | |

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|----------------------------------------|--------------------------------|--------|--------------------------------|--------|
| Geographic distribution (continued) | <i>Notropis heterolepis</i> | 807268 | <i>Acanthocephala</i> | |
| | <i>Notropis rubellus</i> | 803895 | Salmonidae | |
| | <i>Ptychocheilus lucius</i> | 807794 | <i>Salmo salar</i> | 807401 |
| | <i>Rhinichthys cataractae</i> | 803758 | Distribution | |
| | <i>Semotilus atromaculatus</i> | 803895 | Salmonidae | |
| | Ictaluridae | | <i>Oncorhynchus keta</i> | 808790 |
| | <i>Ictalurus melas</i> | 807268 | <i>Oncorhynchus nerka</i> | 808747 |
| | <i>Ictalurus natalis</i> | 803895 | Migrations | |
| | <i>Noturus</i> | 803895 | Salmonidae | |
| | <i>Noturus gyrinus</i> | 807268 | <i>Oncorhynchus nerka</i> | 807258 |
| | <i>Noturus miurus</i> | 807268 | Distribution of infection | |
| | Osmeridae | | Salmonidae | |
| | <i>Osmerus eperlanus</i> | 807198 | <i>Salmo salar</i> | 807917 |
| | Salmonidae | | Incidence of infection | |
| | <i>Coregonus alpenae</i> | 807110 | Argentinidae | |
| | <i>Salmo salar</i> | 807198 | <i>Argentina silus</i> | 807399 |
| | <i>Salmo trutta</i> | 806415 | Salmonidae | |
| | Interspecific competition | | <i>Salmo salar</i> | 807401 |
| | Habitat destruction | | Scale age study | |
| | Teleostei | 808371 | Salmonidae | |
| Geographic barriers | | | <i>Oncorhynchus nerka</i> | 807258 |
| Elasmobranchii | | 808772 | Otolith age study | |
| Teleostei | | 808772 | Clupeidae | |
| Endemism | | | <i>Clupea harengus</i> | 807461 |
| Teleostei | | 804468 | Meristics | |
| | | 806780 | Clupeidae | |
| Percidae | | | <i>Clupea harengus</i> | 809060 |
| <i>Etheostoma fusiforme</i> | | 807835 | Morphometrics | |
| Atherinidae | | | Clupeidae | |
| <i>Menidia extensa</i> | | 807835 | <i>Sprattus sprattus</i> | 806394 |
| Cyprinodontidae | | | Protein specificity | |
| <i>Fundulus waccamensis</i> | | 807835 | Biochemical blood constituents | |
| Cyprinidae | | 806132 | Acipenseromorpha | 806058 |
| Antarctic O | | 809094 | Teleostei | 806058 |
| Relictism | | | Scombridae | 806058 |
| Teleostei | | 809046 | Pleuronectiformes | 806058 |
| Gobiidae | | | Clupeidae | 806058 |
| <i>Eletotris fusca</i> | | 807244 | Engraulidae | 806058 |
| Populations | | 807887 | Anguillidae | |
| Dasyatidae | | | <i>Anguilla</i> | 806058 |
| <i>Dasyatis centroura</i> | | 804187 | Gadidae | 806058 |
| Percidae | | | Biochemical blood constituents | |
| <i>Stizostedion lucioperca</i> | | 804250 | Immunological analysis | |
| <i>Stizostedion vitreum</i> | | 807178 | Salmonidae | |
| Scleridae | | | <i>Salmo clarki</i> | 807958 |
| <i>Cynoscion petranus</i> | | 804304 | Habitat preference | |
| Serranidae | | | Gadidae | |
| <i>Morone saxatilis</i> | | 806786 | <i>Gadus morhua</i> | 805090 |
| | | 808726 | Serum proteins | |
| Sparidae | | | Immunological analysis | |
| <i>Pagrus major</i> | | 805625 | Clupeidae | |
| Scombridae | | | <i>Clupea harengus</i> | 805261 |
| <i>Euthynnus pelamis</i> | | 806460 | Polymorphism | |
| <i>Scomber japonicus</i> | | 803784 | Salmonidae | |
| <i>Scomber scombrus</i> | | 807512 | <i>Salmo salar</i> | 804748 |
| <i>Thunnus alalunga</i> | | 807306 | Juvenile | |
| | | 807857 | Acclimation | |
| Pleuronectidae | | | Salmonidae | |
| <i>Hippoglossoides platessoides</i> | | 807423 | <i>Oncorhynchus nerka</i> | 808376 |
| <i>Lepidopsetta bilineata</i> | | 807906 | Salinity | |
| <i>Parophrys vetulus</i> | | 805942 | Salmonidae | |
| | | 805944 | <i>Oncorhynchus nerka</i> | 808376 |
| <i>Pleuronectes platessa</i> | | 804331 | Rate of growth | |
| | | 808075 | Clupeidae | |
| Anoplopomatidae | | | <i>Clupea harengus</i> | 809060 |
| <i>Anoplopoma fimbria</i> | | 807514 | Age length relationship | |
| Scorpaenidae | | | Scale age study | |
| <i>Sebastes mentella</i> | | 804333 | Clupeidae | |
| | | 807713 | <i>Clupea harengus</i> | 806916 |
| Clupeidae | | | Intraspecific variation | |
| <i>Clupea harengus</i> | | 805516 | Armor | |
| | | 805910 | Gasterosteidae | |
| | | 806319 | <i>Gasterosteus aculeatus</i> | 807572 |
| <i>Hitsa ilisha</i> | | 808577 | Fry | |
| <i>Sardinella aurita</i> | | 808012 | Cyprinidae | |
| <i>Sardinella eba</i> | | 808012 | <i>Abrams brama</i> | 806451 |
| <i>Sprattus sprattus</i> | | 808459 | Activity patterns | |
| Engraulidae | | | Cyprinidae | |
| <i>Engraulis encrasicolus</i> | | 807765 | <i>Abrams brama</i> | 806451 |
| Gadidae | | | Geographic variation | |
| <i>Gadus morhua</i> | | 805096 | Cyprinodontidae | |
| Merlucciidae | | | <i>Fundulus catenatus</i> | 804862 |
| <i>Merluccius merluccius</i> | | 807688 | <i>Fundulus stelleri</i> | 804862 |
| Osmeridae | | | Seasonal: races | |
| <i>Hypomesus transpacificus</i> | | 807118 | Scomberesocidae | |
| <i>Osmerus mordax</i> | | 804390 | <i>Colias sara</i> | 807111 |
| Salmonidae | | | Polymorphism | |
| <i>Oncorhynchus nerka</i> | | 807260 | Protein content | |
| Identification | | | Carangidae | |
| Gadidae | | | <i>Decapterus pinnulatus</i> | 804033 |
| <i>Gadus morhua</i> | | 807541 | Enzymology | |
| Digenea | | | Clupeidae | |
| Argentinidae | | | <i>Clupea harengus</i> | 804126 |
| <i>Argentina silus</i> | | 807399 | | |

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|------------------------------------|--------|----------------------------------|--------|---------------------|
| Armor | | Embiotocidae | 807227 | Population dynamics |
| Gasterosteidae | | Kyphosidae | | |
| <i>Gasterosteus aculeatus</i> | 807362 | <i>Girella nigricans</i> | 807227 | |
| Life span | | Pomacentridae | | |
| Gasterosteidae | | <i>Chromis punctipinnis</i> | 807227 | |
| <i>Gasterosteus aculeatus</i> | 807362 | <i>Hypsypops rubicunda</i> | 807227 | |
| Distribution | | Serranidae | | |
| Clupeidae | | <i>Paralabrax clathratus</i> | 807227 | |
| <i>Sardina pilchardus</i> | 808298 | Scombridae | | |
| Age class distribution | | <i>Euthynnus pelamis</i> | 806617 | |
| Clupeidae | | <i>Thunnus albacares</i> | 806213 | |
| <i>Clupea harengus</i> | 809060 | | 806617 | |
| Availability and use of food | | Pleuronectidae | | |
| Intraspecific variation | | <i>Platichthys stellatus</i> | 806617 | |
| Salmonidae | | Cottidae | 807227 | |
| <i>Salmo salar</i> | 807440 | <i>Cottus aleuticus</i> | 806617 | |
| Migrations | | <i>Leptocottus armatus</i> | 806617 | |
| Salmonidae | | Cyclopteridae | | |
| <i>Oncorhynchus keta</i> | 805350 | <i>Liparis mucosus</i> | 807227 | |
| <i>Oncorhynchus nerka</i> | 805351 | Hexagrammidae | | |
| Rate of growth | | <i>Oxylebius pictus</i> | 807227 | |
| Salmonidae | | Scorpaenidae | 807227 | |
| <i>Salmo gairdneri</i> | 807521 | Synbranchidae | | |
| Reproduction | | <i>Synbranchus marmoratus</i> | 806129 | |
| Isolating mechanisms | | Atherinidae | | |
| Clupeidae | | <i>Atherinops affinis</i> | 807227 | |
| <i>Clupea harengus</i> | 808427 | Cyprinodontidae | | |
| Fishing mortality | | <i>Apolocheilichthys pumilus</i> | 804708 | |
| Natural mortality | | <i>Pterolebias</i> | 806129 | |
| Salmonidae | | Poeciliidae | | |
| <i>Oncorhynchus kisutch</i> | 807858 | <i>Poecilia formosa</i> | 805844 | |
| Population dynamics | | <i>Poeciliopsis</i> | 807327 | |
| Clupeidae | 807887 | Clupeidae | | |
| <i>Clupea harengus</i> | 808915 | <i>Brevoortia tyrannus</i> | 805075 | |
| Subterranean waters | | Muraenidae | | |
| Evolutionary adaptation | | <i>Gymnothorax mordax</i> | 807227 | |
| Amblyopsidae | 808771 | Anostomidae | | |
| Computer analysis | 807754 | <i>Lepomis obtusidens</i> | 806129 | |
| Teleostei | 807840 | <i>Schizodon fasciatus</i> | 806129 | |
| Gadidae | | Characidae | 806129 | |
| <i>Gadus morhua</i> | 807840 | Curimatidae | | |
| Salmonidae | | <i>Curimatobris platanus</i> | 806129 | |
| <i>Salvelinus fontinalis</i> | 807840 | Erythrinidae | | |
| Food chains | 807855 | <i>Hoplias malabaricus</i> | 806129 | |
| Natural mortality | 807855 | Ichthyoboridae | | |
| Fishing mortality | | <i>Phago loricatus</i> | 809052 | |
| Scombridae | | Lebiasinidae | | |
| <i>Thunnus obesus</i> | 807854 | <i>Characidium fasciatum</i> | 806129 | |
| Clupeidae | | Paradontidae | | |
| <i>Sardinops sagax</i> | 807854 | <i>Apareiodon</i> | 806129 | |
| Gadidae | | Prochilodontidae | | |
| <i>Gadus morhua</i> | 807854 | <i>Prochilodus platensis</i> | 806129 | |
| <i>Melanogrammus aeglefinus</i> | 807854 | Cyprinidae | 807094 | |
| Salmonidae | 807854 | <i>Abramis brama</i> | 807238 | |
| <i>Salvelinus namaycush</i> | 807854 | <i>Barbus pleurogramma</i> | 804708 | |
| Productivity | 807855 | <i>Barbus kersteni</i> | 804708 | |
| Population structure | | <i>Barbus paludinosus</i> | 804708 | |
| Elasmobranchii | 808370 | Aspredinidae | | |
| Dipnoi | | <i>Bunocephalus</i> | 806129 | |
| <i>Protopterus aethiopicus</i> | 804708 | Auchenipteridae | | |
| Polypteromorphia | 808023 | <i>Trachycorystes striatulus</i> | 806129 | |
| Teleostei | 805205 | Callichthyidae | | |
| | 805465 | <i>Corydoras paleatus</i> | 806129 | |
| | 806129 | <i>Hoplosternum littorale</i> | 806129 | |
| | 806617 | Clariidae | | |
| | 807227 | <i>Clarias alluaudi</i> | 804708 | |
| | 808023 | <i>Clarias carsoni</i> | 804708 | |
| | 808370 | Loricariidae | 806129 | |
| Gasterosteidae | | <i>Pimelodontidae</i> | 806129 | |
| <i>Gasterosteus aculeatus</i> | 806617 | Gadidae | | |
| <i>Pungitius pungitius</i> | 806617 | <i>Microgadus proximus</i> | 806617 | |
| Syngnathidae | | Gobiesociformes | | |
| <i>Syngnathus californiensis</i> | 807227 | <i>Gobiosox maeandricus</i> | 807227 | |
| Anabantidae | | <i>Gobiosox rhessodon</i> | 807227 | |
| <i>Ctenopoma muriei</i> | 804708 | <i>Rimicola muscarum</i> | 807227 | |
| Blenniidae | | Esocidae | | |
| <i>Hypsoblennius</i> | 807227 | <i>Esox lucius</i> | 808025 | |
| Clinidae | 807227 | Umbridae | | |
| Pholidae | | <i>Dallia pectoralis</i> | 806617 | |
| <i>Uviola sanctaerosae</i> | 807227 | Osmeridae | | |
| Stichaeidae | 807227 | <i>Hypomesus olidus</i> | 806617 | |
| Gobiidae | 805205 | <i>Osmerus eperlanus</i> | 808647 | |
| <i>Lethops connectens</i> | 807227 | <i>Osmerus mordax</i> | 808647 | |
| Labridae | | Salmonidae | 806617 | |
| <i>Halichoeres semicinctus</i> | 807227 | Surface volume relationship | | |
| <i>Oxyjulis californica</i> | 807227 | Gasterosteidae | | |
| <i>Pimelometopon pulchrum</i> | 807227 | <i>Culaea inconstans</i> | 805878 | |
| Mastacembelidae | | Centrarchidae | | |
| <i>Mastacembelus frenatus</i> | 804708 | <i>Ambloplites rupestris</i> | 805878 | |
| Branchiostegidae | | <i>Micropterus dolomieu</i> | 805878 | |
| <i>Caulolatilus princeps</i> | 807227 | Cottidae | | |
| Cichlidae | 806129 | <i>Cottus bairdi</i> | 805878 | |
| <i>Hemihaplochromis multicolor</i> | 804708 | Catostomidae | | |
| | | <i>Catostomus commersoni</i> | 805878 | |

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|---------------------------|--------|---------------------------|--------|------------------------------------|
| Cyprinidae | 803895 | Salmo trutta | 804667 | Population dynamics (continued) |
| | 808458 | | 805813 | |
| Abramis | 807701 | | 806036 | |
| Abramis brama | 807709 | | 806414 | |
| Barbus paludinosus | 803650 | | 807090 | |
| Cyprinus carpio | 804411 | | 807959 | |
| | 806650 | Salvelinus fontinalis | 804667 | |
| | 808464 | | 806034 | |
| Gila elegans | 807794 | | 806036 | |
| Gila robusta | 807090 | | 807801 | |
| | 807794 | Salvelinus namaycush | 803873 | |
| Notropis ariommus | 807614 | | 805641 | |
| Notropis stramineus | 807832 | | 806650 | |
| Ptychocheilus lucius | 807090 | Developing egg | | |
| | 807794 | Larva | | |
| Ptychocheilus oregonensis | 806400 | Engraulidae | | |
| Ariidae | | Engraulis mordax | 808313 | |
| Arius | 808633 | Larva | | |
| Clariidae | | Teleostei | 803866 | |
| Clarias mossambicus | 803650 | Melamphaeidae | 808314 | |
| Ictaluridae | 803895 | Trachipteridae | 808314 | |
| | 804411 | Carangidae | 808314 | |
| Siluridae | | Scombridae | 808314 | |
| Silurus glanis | 808458 | Trichiuridae | 808314 | |
| Hiodontidae | | Centrolophidae | 808314 | |
| Hiodon alosoides | 808464 | Tetragonuridae | 808314 | |
| Mormyridae | 807193 | Chiasmodontidae | 808314 | |
| Batrachoidiformes | | Bothidae | 808314 | |
| Perichthys notatus | 808715 | Pleuronectidae | 808314 | |
| Gadidae | | Scorpaenidae | 808314 | |
| Gadus morhua | 805098 | Clupeidae | 808314 | |
| | 805269 | Clupea harengus | 805317 | |
| | 805271 | Engraulidae | | |
| | 805274 | Engraulis mordax | 808314 | |
| | 807417 | Anguilliformes | 808314 | |
| | 808031 | Bregmacerotidae | 808314 | |
| | 808035 | Gadidae | 808314 | |
| | 808084 | Merlucciidae | | |
| Lota lota | 807008 | Merluccius productus | 808314 | |
| Melanogrammus aeglefinus | 804691 | Argentinidae | 808314 | |
| | 805274 | Bathylagidae | 808314 | |
| | 805284 | Myctophidae | 808314 | |
| | 805285 | Paralepididae | 808314 | |
| | 808040 | Scopelarchidae | 808314 | |
| Merlangius merlangus | 808092 | Astronesthidae | 808314 | |
| | 808041 | Chauliodontidae | 808314 | |
| | 808042 | Gonostomatidae | 808314 | |
| | 808043 | Idiacanthidae | 808314 | |
| | 808044 | Melanostomiatidae | 808314 | |
| Merlucciidae | | Sternopychidae | 808314 | |
| Merluccius productus | 808317 | Stomiidae | 808314 | |
| | 808754 | Young | | |
| Chanidae | | Cyprinidae | | |
| Chanos chanos | 808633 | Abramis brama | 804433 | |
| Esocidae | | Leuciscus idus | 804433 | |
| Esox lucius | 807008 | Rutilus rutilus | 804433 | |
| | 808458 | Young | | |
| | 808464 | Gasterosteidae | | |
| | 808802 | Gasterosteus aculeatus | 805085 | |
| Salangidae | | Salmonidae | | |
| Salangichthys microdon | 806646 | Oncorhynchus nerka | 805085 | |
| Osmeridae | | Salmo salar | 805329 | |
| Hypomesus olidus | 806646 | Rate of growth | | |
| Salmonidae | 807275 | Clupeidae | | |
| | 808410 | Clupea harengus | 808058 | |
| Coregonus | 805641 | | 808115 | |
| | 806650 | Fecundity | | |
| Coregonus artedii | 803873 | Cyprinidae | | |
| Coregonus autumnalis | 807747 | Abramis ballerus | 807702 | |
| Coregonus clupeaformis | 803873 | Population structure | | |
| Oncorhynchus | 803793 | Merlucciidae | | |
| Oncorhynchus gorbuscha | 806617 | Merluccius merluccius | 808297 | |
| Oncorhynchus keta | 806646 | Interspecific competition | | |
| | 807669 | Clupeidae | | |
| Oncorhynchus kisutch | 806037 | Brevortia tyrannus | 805097 | |
| | 807838 | Sardinops caerulea | 805097 | |
| Oncorhynchus nerka | 803624 | Age class distribution | | |
| | 806617 | Gadidae | | |
| | 806647 | Gadus morhua | 807541 | |
| | 807261 | Salmonidae | | |
| | 807378 | Oncorhynchus gorbuscha | 807731 | |
| | 807759 | Oncorhynchus keta | 807731 | |
| | 808659 | Oncorhynchus nerka | 807731 | |
| Oncorhynchus tshawytscha | 806873 | Population density | | |
| | 807838 | Scombridae | | |
| | 808657 | Thunnus albacares | 808281 | |
| Salmo clarki | 806037 | Length frequency | | |
| Salmo gairdneri | 803793 | Theraponidae | | |
| | 805641 | Therapon plumbeus | 808633 | |
| | 807090 | Feeding | | |
| | 807959 | Age class distribution | | |
| Salmo salar | 807708 | Osmeridae | | |
| | 808070 | Osmerus eperlanus | 807687 | |
| | 808072 | | | |

| | | | Population dynamics (continued) |
|---------------------------------|--------|---------------------------------|------------------------------------|
| <i>Anguilla australis</i> | 804829 | Egg | |
| <i>Anguilla dieffenbachii</i> | 804829 | Larva | |
| Congridae | | Clupeidae | |
| <i>Gorgasia sillneri</i> | 804854 | <i>Sprattus sprattus</i> | 805325 |
| <i>Taenioconger hassi</i> | 804854 | Gadidae | |
| Characidae | 808023 | <i>Gadus morhua</i> | 805281 |
| Citharidae | 808023 | Developing egg | |
| Distichodontidae | 808023 | Clupeidae | |
| Catostomidae | | <i>Sardina pilchardus</i> | 808303 |
| <i>Carpiodes carpio</i> | 807844 | Salmonidae | 806016 |
| Cobitidae | 807222 | Larva | |
| <i>Noemacheilus barbatulus</i> | 805961 | Salmonidae | 806016 |
| Cyprinidae | 805976 | <i>Oncorhynchus gorbuscha</i> | 806022 |
| <i>Abramis brama</i> | 807222 | <i>Oncorhynchus keta</i> | 806022 |
| <i>Gobio gobio</i> | 808024 | Juvenile | |
| <i>Phoxinus phoxinus</i> | 807238 | Gobiidae | |
| | 805976 | <i>Chaenogobius isaza</i> | 807948 |
| | 805961 | Larva | |
| | 805976 | Scombridae | 807694 |
| | 806033 | Clupeidae | 807694 |
| | 808023 | <i>Clupea harengus</i> | 805300 |
| Bagridae | | | 807072 |
| Clariidae | 808023 | Anguilliformes | 808015 |
| <i>Clarias</i> | | Bregmacerotidae | |
| Ictaluridae | | <i>Bregmaceros maclellandi</i> | 807694 |
| <i>Ictalurus nebulosus</i> | 807222 | Myctophidae | 807694 |
| Malapteruriidae | 808023 | | 808314 |
| <i>Malapterurus electricus</i> | 808023 | Osmeridae | |
| Mochokidae | 808023 | <i>Mallotus villosus</i> | 808008 |
| Plotosidae | | Gonostomatidae | 808314 |
| <i>Plotosus anguillaris</i> | 805205 | <i>Cyclothone</i> | 807694 |
| Siluridae | | <i>Vinciguerra</i> | 807694 |
| <i>Silurus glanis</i> | 807222 | | |
| Gymnarchidae | | Fry | |
| <i>Gymnarchus niloticus</i> | 808023 | Salmonidae | |
| Mormyridae | 808023 | <i>Oncorhynchus nerka</i> | 807257 |
| Osteoglossidae | | Young | |
| <i>Heterotis niloticus</i> | 808023 | Ammodytidae | 803519 |
| Gadidae | | Stichaeidae | 803519 |
| <i>Gadus morhua</i> | 805277 | Spandae | |
| | 805278 | <i>Eynniss japonica</i> | 805626 |
| <i>Lota lota</i> | 807222 | <i>Pagrus major</i> | 805626 |
| <i>Melanogrammus aeglefinus</i> | 805288 | Scorpaenidae | |
| | 805289 | <i>Sebastes marinus</i> | 805335 |
| | 805290 | <i>Sebastes mentella</i> | 805335 |
| <i>Merlangius merlangus</i> | 805294 | Clupeidae | |
| | 805295 | <i>Clupea harengus</i> | 805309 |
| | 805296 | Gadidae | |
| | 807104 | <i>Melanogrammus aeglefinus</i> | 805285 |
| Merlucciidae | | Salmonidae | 803519 |
| <i>Merluccius productus</i> | 804988 | Seasonal changes | |
| | 806326 | Gadidae | |
| Esocidae | | <i>Gadus morhua</i> | 805276 |
| <i>Esox lucius</i> | 807222 | Rate of growth | |
| Umbriidae | | Experimental analysis | |
| <i>Umbra krameri</i> | 807222 | Salmonidae | |
| Osmeridae | | <i>Oncorhynchus kisutch</i> | 806032 |
| <i>Hypomesus olidus</i> | 806851 | <i>Salmo gairdneri</i> | 806032 |
| Salmonidae | 806016 | Populations | |
| | 806035 | Salmonidae | |
| | 807222 | <i>Oncorhynchus nerka</i> | 807261 |
| | 807775 | Population structure | |
| <i>Coregonus sardinella</i> | 806851 | Mathematical population models | |
| <i>Oncorhynchus kisutch</i> | 806025 | Engraulidae | |
| <i>Oncorhynchus nerka</i> | 805085 | <i>Cetengraulis mysticetus</i> | 808282 |
| | 806851 | Population changes | |
| | 807117 | Clupeidae | |
| | 807256 | <i>Sardinops sagax</i> | 808317 |
| <i>Salmo salar</i> | 808659 | Engraulidae | |
| | 805961 | <i>Engraulis mordax</i> | 808317 |
| | 805976 | Merlucciidae | |
| | 807445 | <i>Merluccius productus</i> | 808317 |
| <i>Salmo trutta</i> | 805813 | Interspecific competition | |
| | 805961 | Experimental analysis | |
| | 805976 | Salmonidae | |
| | 806033 | <i>Oncorhynchus kisutch</i> | 806032 |
| <i>Salvelinus fontinalis</i> | 806036 | <i>Salmo gairdneri</i> | 806032 |
| | 803585 | Seasonal changes | |
| | 806034 | Cyprinodontidae | |
| <i>Salvelinus leucomacnis</i> | 806036 | <i>Epiplatys bifasciatus</i> | 808275 |
| Effect on fish | 807117 | Salmonidae | |
| Fry | | <i>Salvelinus fontinalis</i> | 806972 |
| Salmonidae | | Nest construction | |
| <i>Salmo salar</i> | 808149 | Salmonidae | |
| Salmonidae | | <i>Salmo trutta</i> | 806414 |
| <i>Salmo salar</i> | 808149 | Fishery statistics | |
| Natural mortality | | Computer analysis | 807353 |
| Salmonidae | | Natural mortality | |
| <i>Salmo salar</i> | 808149 | Poeciliidae | |
| Fecundity | | <i>Gambusia affinis</i> | 807179 |
| Cyprinidae | | Density dependent regulation | |
| <i>Alburnus alburnus</i> | 807525 | Gobiidae | |
| <i>Rutilus rutilus</i> | 807525 | <i>Chaenogobius isaza</i> | 807948 |
| | | Percidae | |
| | | <i>Stizostedion vitreum</i> | 807560 |

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|-------------------------------------------|--------------------------------|--------|-------------------------------------|--------|
| Population dynamics (continued) | Pleuronectidae | | <i>Pomoxis annularis</i> | 806162 |
| | <i>Lepidopsetta bilineata</i> | 807906 | <i>Pomoxis nigromaculatus</i> | 806162 |
| | Clupeidae | | Centropomidae | |
| | <i>Clupea harengus</i> | 807733 | <i>Lates niloticus</i> | 805378 |
| | | 808915 | Cichlidae | |
| | Cyprinidae | | <i>Tilapia aurea</i> | 806110 |
| | <i>Abramis brama</i> | 807709 | <i>Tilapia leucosticta</i> | 808977 |
| | Esocidae | | <i>Tilapia spilurus</i> | 808977 |
| | <i>Esox lucius</i> | 805970 | Percidae | |
| | Salmonidae | 806035 | <i>Perca flavescens</i> | 807178 |
| | <i>Oncorhynchus keta</i> | 807669 | <i>Stizostedion vitreum</i> | 807178 |
| | <i>Oncorhynchus nerka</i> | 807759 | Serranidae | |
| | | 808659 | <i>Morone chrysops</i> | 806169 |
| | <i>Salmo trutta</i> | 808362 | Bothidae | |
| | <i>Salvelinus fontinalis</i> | 803585 | <i>Lepidorhombus whiffiagonis</i> | 808140 |
| | Developing egg | | Pleuronectidae | |
| | Larva | | <i>Glyptocephalus cynoglossus</i> | 808140 |
| | Salmonidae | | <i>Hippoglossoides platessoides</i> | 807417 |
| | <i>Oncorhynchus gorbuscha</i> | 806022 | <i>Microstomus kitt</i> | 808140 |
| | <i>Oncorhynchus keta</i> | 806022 | Scophthalmidae | |
| | Juvenile | | <i>Scophthalmus maecoticus</i> | 807274 |
| | Experimental analysis | | Cottidae | |
| | Salmonidae | | <i>Cottus gobio</i> | 805199 |
| | <i>Oncorhynchus kisutch</i> | 806032 | | 805459 |
| | <i>Salmo gairdneri</i> | 806032 | <i>Cottus poecilopus</i> | 805199 |
| | Rate of growth | | | 805459 |
| | Salmonidae | | Poeciliidae | |
| | <i>Salmo gairdneri</i> | 806080 | <i>Gambusia affinis</i> | 807578 |
| | Recruitment | | <i>Poeciliopsis occidentalis</i> | 807578 |
| | Clupeidae | | Clupeidae | |
| | <i>Clupea harengus</i> | 805098 | <i>Dorosoma cepedianum</i> | 806169 |
| | <i>Gadus morhua</i> | 805098 | <i>Alestes macrophthalmus</i> | 804392 |
| | Mathematical population models | 808341 | Catostomidae | 808486 |
| Population diversity | | | <i>Minytrema melanops</i> | 806169 |
| Acipenseromorpha | | | Cyprinidae | |
| <i>Acipenser sturio</i> | 807097 | | <i>Barbus holubi</i> | 806121 |
| Teleostei | 805205 | | <i>Blicca bjoerkna</i> | 804076 |
| | 805465 | | <i>Cyprinus carpio</i> | 806110 |
| | 807097 | | | 806121 |
| | 807227 | | Gadidae | |
| | 807246 | | <i>Gadus morhua</i> | 807417 |
| | 805205 | | | 807421 |
| | 807094 | | <i>Melanogrammus aeglefinus</i> | 807421 |
| | 807097 | | Umbridae | |
| | Seasonal changes | | <i>Novembra hubbsi</i> | 806856 |
| | Computer analysis | | Osmeridae | |
| | Dasyatidae | 806120 | <i>Hypomesus olidus</i> | 806851 |
| | Teleostei | 806120 | <i>Osmerus mordax</i> | 805541 |
| Population balance | | | Salmonidae | 808486 |
| Centrarchidae | | | <i>Coregonus sardinella</i> | 806851 |
| <i>Lepomis macrochirus</i> | 806162 | | <i>Oncorhynchus</i> | 807696 |
| <i>Micropterus salmoides</i> | 806162 | | <i>Oncorhynchus nerka</i> | 806851 |
| <i>Pomoxis annularis</i> | 806162 | | | 807256 |
| <i>Pomoxis nigromaculatus</i> | 806162 | | | 809034 |
| Clupeidae | | | <i>Salmo gairdneri</i> | 806780 |
| <i>Dorosoma cepedianum</i> | 806162 | | <i>Salmo salar</i> | 806029 |
| Intraspecific competition | 807887 | | <i>Salmo trutta</i> | 806029 |
| Cyprinidae | | | | 806780 |
| <i>Cyprinus carpio</i> | 806122 | | <i>Salvelinus alpinus</i> | 805541 |
| Salmonidae | | | | 807696 |
| <i>Salmo gairdneri</i> | 806252 | | | 809034 |
| <i>Salmo trutta</i> | 806252 | | <i>Salvelinus fontinalis</i> | 805541 |
| Descriptive evolution | | | Experimental analysis | |
| Cyprinidae | | | Salmonidae | |
| <i>Phoxinus phoxinus</i> | 806251 | | <i>Oncorhynchus kisutch</i> | 806032 |
| <i>Rutilus rutilus</i> | 806251 | | <i>Salmo gairdneri</i> | 806032 |
| Larva | | | Effect on fish | |
| Salmonidae | | | Explosive radiation | |
| <i>Oncorhynchus kisutch</i> | 806021 | | Cichlidae | 806106 |
| Interspecific competition | | | Young | |
| Teleostei | 807887 | | Salmonidae | |
| | 804330 | | <i>Oncorhynchus</i> | 807731 |
| | 806167 | | Extinction | |
| | 807913 | | Porolepidomorpha | |
| | 809064 | | <i>Holoptychius</i> | 806283 |
| Gasterosteidae | | | Teleostei | 806283 |
| <i>Gasterosteus aculeatus</i> | 806851 | | Population diversity | |
| | 807256 | | Teleostei | 805371 |
| | 807543 | | Availability and use of food | |
| <i>Pungitius pungitius</i> | 806851 | | Centrarchidae | 806913 |
| Acanthuridae | 805679 | | Cyprinodontidae | |
| Gobiidae | 806634 | | <i>Cyprinodon</i> | 806913 |
| <i>Chasmichthys dolichognathus</i> | 806228 | | Feeding | |
| <i>Chasmichthys gulosus</i> | 806228 | | Embrioticidae | 805609 |
| <i>Gobius niger</i> | 806118 | | Anguillidae | |
| <i>Gobius ophioccephalus</i> | 806118 | | <i>Anguilla australis</i> | 808362 |
| <i>Gobius paganellus</i> | 806118 | | <i>Anguilla dieffenbachii</i> | 808362 |
| <i>Pomatoschistus marmoratus</i> | 806118 | | Salmonidae | |
| <i>Pomatoschistus microps</i> | 806118 | | <i>Salmo trutta</i> | 808362 |
| Centrarchidae | | | Juvenile | |
| <i>Lepomis macrochirus</i> | 806169 | | Salmonidae | |
| <i>Micropterus salmoides</i> | 806162 | | <i>Oncorhynchus kisutch</i> | 807824 |
| | 806169 | | <i>Salmo gairdneri</i> | 807824 |
| <i>Pomoxis</i> | 806169 | | | |

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|-------------------------------------|--------|---------------------------------|--------|--------------------------------------------|
| Gut contents | | <i>Platichthys flesus</i> | 805333 | Population dynamics (continued) |
| Computer analysis | | <i>Platichthys stellatus</i> | 806881 | |
| Teleostei | 807911 | <i>Pleuronectes platessa</i> | 805333 | |
| Fishery dynamics | | | 808075 | |
| Clupeidae | | Soleidae | | |
| <i>Sardinops sagax</i> | 807528 | <i>Solea solea</i> | 808076 | |
| Engraulidae | | Cottidae | | |
| <i>Engraulis mordax</i> | 807528 | <i>Cottus gobio</i> | 805961 | |
| Merlucciidae | | Scorpaenidae | | |
| <i>Merluccius productus</i> | 807528 | <i>Sebastes marinus</i> | 805335 | |
| Artificial rearing environments | | | 808074 | |
| Cyprinidae | 808593 | <i>Sebastes mentella</i> | 805335 | |
| Computer analysis | | | 807713 | |
| Scombridae | | | 808074 | |
| <i>Euthynnus pelamis</i> | 807854 | Clupeidae | | |
| <i>Thunnus albacares</i> | 807854 | <i>Alosa aestivalis</i> | 807861 | |
| Clupeidae | | <i>Alosa kessleri</i> | 807748 | |
| <i>Sardinops sagax</i> | 807854 | <i>Alosa pseudoharengus</i> | 807861 | |
| | 808928 | <i>Caspalosa kessleri</i> | 807679 | |
| Engraulidae | | <i>Clupea harengus</i> | 805063 | |
| <i>Engraulis mordax</i> | 807854 | | 805297 | |
| | 808928 | | 805299 | |
| Exclusion principle | | | 805301 | |
| Acanthuridae | 805679 | | 805302 | |
| Amblyopsidae | | | 805303 | |
| <i>Amblyopsis</i> | 808771 | | 805305 | |
| <i>Typhlichthys subterraneus</i> | 808771 | | 805306 | |
| Age class distribution | 807887 | | 805308 | |
| Acipenseromorpha | 807660 | | 805310 | |
| Teleostei | 807707 | | 805311 | |
| Gasterosteidae | | | 805313 | |
| <i>Gasterosteus aculeatus</i> | 805961 | | 805314 | |
| | 806851 | | 805315 | |
| | 807275 | | 805316 | |
| Anarhichadidae | 806559 | | 805317 | |
| Mugiloidi | 808299 | | 805318 | |
| Carangidae | | | 805319 | |
| <i>Trachurus symmetricus</i> | 808315 | | 805320 | |
| Centrarchidae | 804411 | | 805321 | |
| <i>Pomoxis annularis</i> | 806166 | | 805911 | |
| | 808464 | | 806432 | |
| <i>Pomoxis nigromaculatus</i> | 808796 | | 806916 | |
| Lutjanidae | 808464 | | 807897 | |
| <i>Lutjanus purpureus</i> | 806941 | | 807898 | |
| Percidae | | | 807899 | |
| <i>Perca flavescens</i> | 808464 | | 807900 | |
| <i>Perca fluviatilis</i> | 805716 | | 807922 | |
| <i>Stizostedion canadense</i> | 804525 | | 807923 | |
| | 806166 | | 808046 | |
| | 808464 | | 808047 | |
| <i>Stizostedion vitreum</i> | 808802 | | 808048 | |
| | 804411 | | 808050 | |
| | 807179 | | 808052 | |
| | 808802 | | 808053 | |
| Sciaenidae | | | 808054 | |
| <i>Aplodinotus grunniens</i> | 804411 | | 808055 | |
| | 806166 | | 808056 | |
| | 808464 | | 808060 | |
| <i>Macrondon ancydon</i> | 804305 | | 808061 | |
| <i>Pseudotolithus elongatus</i> | 805648 | | 808062 | |
| <i>Pseudotolithus senegalensis</i> | 805648 | | 808063 | |
| | 808648 | | 808064 | |
| <i>Pseudotolithus typus</i> | 805648 | | 808102 | |
| Serranidae | | | 808103 | |
| <i>Morone americana</i> | 805874 | | 808105 | |
| <i>Morone chrysops</i> | 804411 | | 808106 | |
| <i>Paralabrax clathratus</i> | 807229 | | 808108 | |
| Sparidae | | | 808110 | |
| <i>Pagrus major</i> | 805625 | | 808111 | |
| <i>Stenotomus chrysops</i> | 807558 | | 808112 | |
| | 807562 | | 808113 | |
| Scombridae | | | 808114 | |
| <i>Rastrelliger brachysoma</i> | 808576 | | 808118 | |
| <i>Rastrelliger kanagurta</i> | 808576 | | 808119 | |
| <i>Scomber scombrus</i> | 805327 | | 808915 | |
| | 808066 | | 809060 | |
| | 808068 | <i>Clupea pallasii</i> | 804432 | |
| | 808121 | <i>Dorosoma cepedianum</i> | 804411 | |
| | 808122 | <i>Opisthoproterus tardoore</i> | 808574 | |
| <i>Scomberomorus cavalla</i> | 808187 | <i>Sardina pilchardus</i> | 806916 | |
| <i>Scomberomorus maculatus</i> | 808187 | <i>Sardinella</i> | 805361 | |
| <i>Thunnus alalunga</i> | 808652 | <i>Sardinella aurita</i> | 805925 | |
| <i>Thunnus albacares</i> | 804317 | <i>Sardinella cba</i> | 805925 | |
| | 808283 | <i>Sardinella longiceps</i> | 808573 | |
| Cynoglossidae | | | 808576 | |
| <i>Cynoglossus semifasciatus</i> | 808580 | <i>Sardinops ocellata</i> | 806916 | |
| Pleuronectidae | | <i>Sprattus sprattus</i> | 805323 | |
| <i>Hippoglossoides platessoides</i> | 807417 | | 805324 | |
| <i>Hippoglossus hippoglossus</i> | 805331 | | 805326 | |
| <i>Hippoglossus stenolepis</i> | 808159 | | 808065 | |
| <i>Lepidopsetta bilineata</i> | 807906 | | 808120 | |
| <i>Limanda aspera</i> | 804116 | | 808459 | |
| | 807907 | | | |

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|------------------------------------|--------------------------------|--------|------------------------------------|--------|
| Population dynamics (continued) | Engraulidae | | Osmeriidae | |
| | <i>Cetengraulis mysticetus</i> | 808646 | <i>Hypomesus olidus</i> | 806851 |
| | <i>Engraulis mordax</i> | 807890 | <i>Osmerus eperlanus</i> | 807687 |
| | | 807894 | Salmonidae | |
| | | 808317 | <i>Coregonus sardinella</i> | 806851 |
| Catostomidae | | | <i>Oncorhynchus keta</i> | 808790 |
| <i>Carpiodes carpio</i> | 804411 | | <i>Salmo mykiss</i> | 807714 |
| | 808464 | | <i>Salmo penshinensis</i> | 807714 |
| <i>Ictiobus niger</i> | 804411 | | <i>Salmo salar</i> | 805330 |
| Cyprinidae | | | | 805961 |
| <i>Abramis brama</i> | 807648 | | | 805976 |
| | 807709 | | | 806879 |
| | 807749 | | | 807445 |
| <i>Blicca bjoerkna</i> | 807291 | | | 807708 |
| <i>Cyprinus carpio</i> | 804411 | | | 807780 |
| | 807309 | | | 808072 |
| | 808464 | | <i>Salmo trutta</i> | 805813 |
| <i>Gila elegans</i> | 807794 | | | 805961 |
| <i>Gila robusta</i> | 807794 | | | 805976 |
| <i>Leuciscus cephalus</i> | 808441 | | | 806036 |
| <i>Phoxinus phoxinus</i> | 805961 | | <i>Salvelinus fontinalis</i> | 803585 |
| <i>Ptychocheilus lucius</i> | 807794 | | <i>Salvelinus malma</i> | 806036 |
| <i>Rutilus rutilus</i> | 805716 | | | 807275 |
| | 807673 | | Meristidae | |
| | 807749 | | Salmonidae | |
| Ictaluridae | 804411 | | <i>Oncorhynchus nerka</i> | 808747 |
| Hiodontidae | | | Morphometrics | |
| <i>Hiodon alosoides</i> | 808464 | | Clupeidae | |
| Gadidae | | | <i>Sprattus sprattus</i> | 806394 |
| <i>Gadus morhua</i> | 805269 | | Fecundity | |
| | 805270 | | Cyprinidae | |
| | 805271 | | <i>Abramis ballerus</i> | 807693 |
| | 805272 | | Larva | |
| | 805273 | | <i>Petromyzontomorphs</i> | |
| | 805274 | | <i>Petromyzon marinus</i> | 804722 |
| | 805275 | | Young | |
| | 805277 | | Gadidae | |
| | 805278 | | <i>Gadus morhua</i> | 805276 |
| | 805279 | | <i>Melanogrammus aeglefinus</i> | 808090 |
| | 805282 | | Salmonidae | |
| | 807541 | | <i>Oncorhynchus nerka</i> | 808659 |
| | 808030 | | Juvenile | |
| | 808031 | | Clupeidae | |
| | 808032 | | <i>Clupea harengus</i> | 808049 |
| | 808033 | | Populations | |
| | 808034 | | Clupeidae | |
| | 808035 | | <i>Clupea harengus</i> | 808917 |
| | 808084 | | Salmonidae | |
| | 808085 | | <i>Oncorhynchus nerka</i> | 807916 |
| | 808086 | | Population changes | |
| | 808087 | | Scombridae | |
| | 808088 | | <i>Thunnus albacares</i> | 808281 |
| | 808089 | | Seasonal changes | |
| | 808091 | | Mugiloidae | |
| <i>Melanogrammus aeglefinus</i> | 805274 | | <i>Mugil saliens</i> | 808300 |
| | 805286 | | Clupeidae | |
| | 805287 | | <i>Alosa kessleri</i> | 807711 |
| | 805288 | | <i>Opisthonema oglinum</i> | 807033 |
| | 805290 | | Cyprinidae | |
| | 805291 | | <i>Abramis brama</i> | 807238 |
| | 805292 | | Gadidae | |
| | 808036 | | <i>Melanogrammus aeglefinus</i> | 805284 |
| | 808037 | | Archeological data | |
| | 808038 | | Acipenseromorphs | |
| | 808040 | | <i>Acipenser stellatus</i> | 807706 |
| | 808092 | | Length frequency | |
| | 808095 | | <i>Petromyzontomorphs</i> | |
| <i>Merlangius merlangus</i> | 808096 | | <i>Caspiomyzon wagneri</i> | 807755 |
| | 805294 | | Dasyatidae | |
| | 805295 | | <i>Dasyatis centroura</i> | 804187 |
| | 805296 | | Acipenseromorphs | 807660 |
| | 807104 | | Berycidae | |
| | 808041 | | <i>Beryx splendens</i> | 807154 |
| | 808042 | | Channiformes | |
| | 808043 | | <i>Ophicephalus striatus</i> | 806549 |
| | 808044 | | Gasterosteidae | |
| | 808100 | | <i>Gasterosteus aculeatus</i> | 805965 |
| <i>Pollachius virens</i> | 805293 | | Syngnathidae | |
| | 807074 | | <i>Syngnathus scovelli</i> | 807017 |
| Merlucciidae | | | Ammodytidae | |
| <i>Merluccius productus</i> | 804988 | | <i>Ammodytes lancea</i> | 808128 |
| | 808312 | | Anarhichadidae | 806559 |
| Zoaridae | | | Gobiidae | |
| <i>Lycodopsis pacifica</i> | 807500 | | <i>Chasmichthys dolichognathus</i> | 806228 |
| Argentinidae | | | <i>Chasmichthys gulosus</i> | 806228 |
| <i>Argentina sphyraena</i> | 803617 | | Mugiloidae | 808299 |
| | 803868 | | | 808300 |
| Esocidae | | | <i>Liza macrolepis</i> | 808575 |
| <i>Esox lucius</i> | 805970 | | <i>Mugil cephalus</i> | 808575 |
| | 808464 | | <i>Rhinomugil corsula</i> | 806902 |
| | 808801 | | Carangidae | |
| | 808802 | | <i>Decapterus russelli</i> | 806727 |
| | | | | 807752 |
| | | | <i>Megalaspis cordyla</i> | 806727 |

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|-------------------------------------|--------|--------------------------------------|--------|---------------------|
| Centrarchidae | | <i>Parophrys vetulus</i> | 805946 | Population dynamics |
| <i>Lepomis cyanellus</i> | 804412 | | 805947 | (continued) |
| <i>Lepomis macrochirus</i> | 804412 | | 806195 | |
| <i>Micropterus salmoides</i> | 804412 | <i>Platichthys flesus</i> | 805333 | |
| <i>Pomoxis annularis</i> | 807807 | | 805334 | |
| | 806166 | <i>Platichthys stellatus</i> | 806881 | |
| | 808464 | <i>Pleuronectes platessa</i> | 805332 | |
| | 808792 | | 805333 | |
| <i>Pomoxis nigromaculatus</i> | 808464 | <i>Pseudopleuronectes americanus</i> | 807859 | |
| Cichlidae | 804217 | <i>Reinhardtius hippoglossoides</i> | 807767 | |
| <i>Hemihaplochromis multicolor</i> | 804708 | Soleidae | | |
| Kyphosidae | | <i>Solea solea</i> | 808300 | |
| <i>Crenidens indicus</i> | 808577 | <i>Trinectes maculatus</i> | 806872 | |
| Leiognathidae | | Agonidae | | |
| <i>Secutor insidiator</i> | 806728 | <i>Agonus cataphractus</i> | 807955 | |
| <i>Secutor ruconius</i> | 806728 | Cottidae | | |
| Mullidae | | <i>Cottus beldingi</i> | 808721 | |
| <i>Upeneus moluccensis</i> | 807014 | <i>Leptocottus armatus</i> | 807962 | |
| Nemipteridae | | Anoplopomatidae | | |
| <i>Nemipterus japonicus</i> | 807014 | <i>Anoplopoma fimbria</i> | 805948 | |
| | 807752 | Hexagrammidae | | |
| Percidae | | <i>Ophiodon elongatus</i> | 807914 | |
| <i>Perca flavescens</i> | 806166 | | 808867 | |
| | 808464 | Scorpaenidae | | |
| <i>Stizostedion canadense</i> | 808464 | <i>Sebastes alutus</i> | 807909 | |
| | 808792 | | 807915 | |
| <i>Stizostedion vitreum</i> | 807460 | | 807924 | |
| | 807560 | <i>Sebastes marinus</i> | 808127 | |
| Pomadasysidae | | <i>Sebastes melanostomus</i> | 807915 | |
| <i>Brachydeuterus auritus</i> | 806754 | <i>Sebastes mentella</i> | 808127 | |
| <i>Pomadasys guoraka</i> | 807752 | Balistidae | | |
| Sciaenidae | | <i>Odonus niger</i> | 806728 | |
| <i>Aplodinotus grunniens</i> | 808464 | <i>Sufflamen capistratus</i> | 806728 | |
| <i>Cynoscion petranus</i> | 804304 | Triacanthidae | | |
| <i>Cynoscion virescens</i> | 807029 | <i>Triacanthus brevirostris</i> | 808577 | |
| <i>Johnius belengeri</i> | 807752 | Atherinidae | | |
| <i>Johnius soldado</i> | 807752 | <i>Pranesus pinguis</i> | 807014 | |
| <i>Pseudosciaena coibor</i> | 808586 | Cyprinodontidae | | |
| <i>Pseudotolithus elongatus</i> | 805648 | <i>Fundulus kansae</i> | 807834 | |
| <i>Pseudotolithus senegalensis</i> | 806747 | Scomberesocidae | | |
| | 806762 | <i>Cololabis saira</i> | 807111 | |
| | 808648 | <i>Scomberesox saurus</i> | 805337 | |
| <i>Pseudotolithus typus</i> | 806747 | Clupeidae | | |
| | 806762 | <i>Alosa kessleri</i> | 807711 | |
| Serranidae | | | 807748 | |
| <i>Epinephelus morio</i> | 806260 | <i>Caspilosa kessleri</i> | 807679 | |
| <i>Latolabrax japonicus</i> | 807068 | <i>Clupea harengus</i> | 805299 | |
| <i>Morone americana</i> | 805874 | | 805301 | |
| <i>Paralabrax clathratus</i> | 807229 | | 805305 | |
| <i>Plectropomus maculatus</i> | 805724 | | 805306 | |
| Sparidae | | | 805308 | |
| <i>Acanthopagrus schlegelii</i> | 807068 | | 805311 | |
| <i>Chrysophrys auratus</i> | 806043 | | 805313 | |
| <i>Chrysophrys major</i> | 807068 | | 805314 | |
| <i>Eyynnus japonica</i> | 805626 | | 805315 | |
| <i>Pagrus major</i> | 805626 | | 805319 | |
| Polynemoidae | 804280 | | 805321 | |
| Scombridae | | | 805911 | |
| <i>Auxis thazard</i> | 807014 | | 806916 | |
| <i>Euthynnus pelamis</i> | 807014 | | 807897 | |
| | 807753 | | 807898 | |
| | 808364 | | 807899 | |
| <i>Scomber scombrus</i> | 808066 | | 807900 | |
| <i>Scomberomorus cavalla</i> | 806942 | | 807922 | |
| <i>Scomberomorus maculatus</i> | 806942 | | 807923 | |
| <i>Thunnus alalunga</i> | 807189 | | 808047 | |
| | 808147 | | 808049 | |
| | 808364 | | 808050 | |
| <i>Thunnus albacares</i> | 805654 | | 808054 | |
| | 808016 | | 808055 | |
| | 808279 | | 808059 | |
| <i>Thunnus obesus</i> | 808281 | | 808060 | |
| | 807189 | | 808061 | |
| | 808147 | | 808062 | |
| | 808279 | | 808105 | |
| <i>Thunnus thynnus</i> | 805903 | | 808110 | |
| | 807189 | | 808111 | |
| Trichiuridae | | | 808112 | |
| <i>Lepidopus caudatus</i> | 808130 | <i>Dorosoma petenense</i> | 808116 | |
| <i>Trichiurus haumela</i> | 807752 | <i>Hilsa ilisha</i> | 806168 | |
| Sphyracnoidae | | <i>Opisthopterus tardoore</i> | 808577 | |
| <i>Sphyracna chrysotaenia</i> | 807014 | <i>Sardinella</i> | 808574 | |
| <i>Sphyracna jello</i> | 807014 | | 805361 | |
| Cynoglossidae | | <i>Sardinella aurita</i> | 806726 | |
| <i>Cynoglossus semifasciatus</i> | 808580 | | 805925 | |
| Pleuronectidae | | | 808402 | |
| <i>Chioderma asperimum</i> | 808982 | <i>Sardinella eba</i> | 805925 | |
| <i>Hippoglossoides platessoides</i> | 807417 | <i>Sardinella longiceps</i> | 808573 | |
| <i>Hippoglossus hippoglossus</i> | 805331 | | 808587 | |
| | 808126 | <i>Sardinops neopilchardus</i> | 808361 | |
| <i>Hippoglossus stenolepis</i> | 808161 | <i>Sprattus sprattus</i> | 805324 | |
| <i>Lepidopsetta bilineata</i> | 807906 | | 808065 | |
| <i>Limanda aspera</i> | 804116 | | | |
| | 807907 | | | |

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|------------------------------------|----------------------------------|--------|-------------------------------------|--------|
| Population dynamics (continued) | Engraulidae | | Sexually dimorphic size | |
| | <i>Ceengraulis mysticetus</i> | 808646 | Cyprinidae | |
| | <i>Engraulis japonicus</i> | 804963 | <i>Abramis brama</i> | 807643 |
| | <i>Engraulis ringens</i> | 808389 | <i>Cyprinus carpio</i> | 807643 |
| | Anguillidae | | <i>Rutilus rutilus</i> | 807643 |
| | <i>Anguilla anguilla</i> | 805974 | Larva | |
| | | 807646 | Scombridae | |
| | Characidae | | <i>Euthynnus pelamis</i> | 806745 |
| | <i>Alestes baremoze</i> | 808021 | <i>Thunnus albacares</i> | 806745 |
| | <i>Alestes macrophthalmus</i> | 804392 | <i>Thunnus obesus</i> | 806745 |
| | Catostomidae | | Clupeidae | |
| | <i>Carpodius carpio</i> | 808464 | <i>Clupea harengus</i> | 806784 |
| | | 808792 | Gadidae | |
| | <i>Catostomus platyrhynchus</i> | 807795 | <i>Gadus morhua</i> | 808008 |
| | <i>Ictiobus cyprinellus</i> | 808464 | Osmeridae | |
| | Cyprinidae | | <i>Malilus villosus</i> | 808008 |
| | <i>Abramis brama</i> | 807238 | Seasonal changes | |
| | <i>Barbus barbus</i> | 804074 | Petromyzontomorpha | |
| | <i>Barbus kolus</i> | 808571 | <i>Petromyzon marinus</i> | 804722 |
| | <i>Cyprinus carpio</i> | 808464 | Congridae | 808015 |
| | | 808792 | Nemichthyidae | |
| | <i>Ericymba buccata</i> | 807003 | <i>Nemichthys scolopaceus</i> | 808015 |
| | <i>Labo rohita</i> | 808577 | Serrivomeridae | |
| | <i>Leuciscus leuciscus</i> | 805963 | <i>Serrivomer bertini</i> | 808015 |
| | <i>Nothrops stramineus</i> | 807832 | <i>Serrivomer samoensis</i> | 808015 |
| | <i>Rhinichthys atratulus</i> | 806272 | Fry | |
| | | 806473 | Gasterosteidae | |
| | <i>Rutilus rutilus</i> | 805963 | <i>Gasterosteus aculeatus</i> | 807256 |
| | Bagridae | 808577 | Salmonidae | |
| | <i>Bagrus docmac</i> | 808978 | <i>Oncorhynchus nerka</i> | 807256 |
| | Ictaluridae | | Young | |
| | <i>Ictalurus punctatus</i> | 808464 | Acipenseromorpha | |
| | Pangasidae | | <i>Acipenser stellatus</i> | 807658 |
| | <i>Pangasius pangasius</i> | 808572 | Mugilidae | |
| | Sisoridae | | <i>Cremimugil labrosus</i> | 804533 |
| | <i>Glyptosternon reticulatum</i> | 807334 | Sciaenidae | |
| | Hiodontidae | | <i>Pseudotolithus senegalensis</i> | 805648 |
| | <i>Hiodon alosoides</i> | 808464 | <i>Pseudotolithus typus</i> | 805648 |
| | Mormyridae | 803915 | Sparidae | |
| | Gadidae | | <i>Pagrus major</i> | 805627 |
| | <i>Boreogadus saida</i> | 806342 | Pleuronectidae | |
| | <i>Gadus morhua</i> | 805273 | <i>Reinhardtius hippoglossoides</i> | 805083 |
| | | 805275 | Clupeidae | |
| | | 805279 | <i>Clupea harengus</i> | 808106 |
| | | 805282 | Juvenile | |
| | | 807541 | Centrarchidae | |
| | | 808086 | <i>Pomoxis annularis</i> | 808796 |
| | | 808089 | Scombridae | |
| | | 808091 | <i>Rastrelliger kanagurta</i> | 807977 |
| | <i>Lota lota</i> | 806834 | Clupeidae | |
| | <i>Melanogrammus aeglefinus</i> | 805286 | <i>Clupea harengus</i> | 808057 |
| | | 805287 | <i>Hilsa ilisha</i> | 805604 |
| | | 808036 | Salmonidae | |
| | | 808038 | <i>Oncorhynchus tshawytscha</i> | 806170 |
| | | 808039 | Change with age | |
| | <i>Pollachius virens</i> | 808092 | Gadidae | |
| | | 805293 | <i>Eleginus navaga</i> | 807721 |
| | | 808097 | Mathematical growth analysis | |
| | <i>Theragra chalcogramma</i> | 808982 | Polynemoidae | |
| | Merlucciidae | | <i>Eleutheronema tetradactylus</i> | 807536 |
| | <i>Merluccius merluccius</i> | 808297 | Clupeidae | |
| | <i>Merluccius productus</i> | 808312 | <i>Hilsa ilisha</i> | 807536 |
| | Zoaridae | | Intraspecific variation | |
| | <i>Lycodopsis pacifica</i> | 807500 | Populations | |
| | Bathylagidae | | Salmonidae | |
| | <i>Bathylagus stibius</i> | 803881 | <i>Oncorhynchus nerka</i> | 806105 |
| | Esocidae | | <i>Salmo gairdneri</i> | 806105 |
| | <i>Esox lucius</i> | 805970 | Geographic variation | |
| | | 808464 | <i>Thunnus alalunga</i> | 808652 |
| | Harpadontidae | | Geographic distribution | |
| | <i>Harpadon nehereus</i> | 806064 | Istiophoridae | |
| | Myxotripidae | | <i>Istiophorus platypterus</i> | 808879 |
| | <i>Stenobanchius leucoparus</i> | 803881 | <i>Makaira nigricans</i> | 808879 |
| | <i>Triphoturus mexicanus</i> | 803881 | <i>Tetrapterus angustirostris</i> | 808879 |
| | Synodontidae | | <i>Tetrapterus audax</i> | 808879 |
| | <i>Saurida tumbil</i> | 807014 | Xiphiidae | |
| | Osmeridae | | <i>Xiphius gladius</i> | 808879 |
| | <i>Osmerus eperlanus</i> | 807687 | Seasonal changes | |
| | | 807718 | Syngnathidae | |
| | Salmonidae | | <i>Syngnathus schlegelii</i> | 805205 |
| | <i>Oncorhynchus keta</i> | 808790 | <i>Urocampus rikuzeinus</i> | 805205 |
| | <i>Oncorhynchus kisutch</i> | 807858 | Pholididae | |
| | <i>Oncorhynchus nerka</i> | 807258 | <i>Enedrias nebulosus</i> | 805205 |
| | | 807378 | Gobiidae | |
| | <i>Oncorhynchus tshawytscha</i> | 808657 | <i>Chaenogobius heptacanthus</i> | 805205 |
| | <i>Salmo gairdneri</i> | 807959 | <i>Pterogobius zonoleucus</i> | 805205 |
| | <i>Salmo mykiss</i> | 807714 | <i>Rhinogobius pflaumi</i> | 805205 |
| | <i>Salmo penshinensis</i> | 807714 | <i>Sagamia genionema</i> | 805205 |
| | <i>Salmo salar</i> | 805328 | Labridae | |
| | | 806879 | <i>Tautoga onitis</i> | 807563 |
| | | 808071 | Carangidae | |
| | <i>Salmo trutta</i> | 808125 | <i>Trachinotus carolinus</i> | 807034 |
| | <i>Thymallus thymallus</i> | 807959 | <i>Trachurus japonicus</i> | 805438 |
| | | 805983 | | |

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|------------------------------------|----------------------------------|--------|----------------------------------|--------|
| Population dynamics (continued) | <i>Salmo trutta</i> | 806123 | Carangidae | |
| | <i>Salvelinus fontinalis</i> | 808362 | <i>Chloroscombrus chrysurus</i> | 807872 |
| | Chauliodontidae | 806034 | Centrarchidae | 806273 |
| | <i>Chauliodus sloanei</i> | 805924 | <i>Micropterus salmoides</i> | 806131 |
| | Gonostomatidae | | Embiotocidae | |
| | <i>Vinciguerra nimbaria</i> | 805924 | <i>Ditrema temminckii</i> | 805205 |
| Experimental analysis | Salmonidae | | Gerresidae | |
| | <i>Oncorhynchus keta</i> | 807443 | <i>Gerres japonicus</i> | 805205 |
| | <i>Salmo trutta</i> | 807478 | <i>Gerres macrostoma</i> | 805205 |
| | Effect on fish | | Kyphosidae | |
| | Fecundity | | <i>Girella punctata</i> | 805205 |
| | Cyprinidae | | Lethrinidae | |
| | <i>Abramis ballerus</i> | 807693 | <i>Lethrinus nematocanthus</i> | 805205 |
| | Rate of growth | | Percidae | |
| | Salmonidae | | <i>Perca fluviatilis</i> | 804897 |
| | <i>Salmo salar</i> | 807440 | <i>Sizostedion lucioperca</i> | 806131 |
| | Reproduction | | Sparidae | |
| | Salmonidae | | <i>Chrysophrys major</i> | 805205 |
| | <i>Salmo salar</i> | 807440 | Scombridae | 804297 |
| | Recruitment | | Stromateidae | |
| | Clupeidae | | <i>Pephrus alepidotus</i> | 807872 |
| | <i>Clupeonella delicatula</i> | 807732 | <i>Pephrus burti</i> | 807872 |
| | Larva | | Bothidae | |
| | Clupeidae | | <i>Paralichthys olivaceus</i> | 805205 |
| | <i>Clupea harengus</i> | 806558 | Comptogobioidei | |
| | Fry | | <i>Hypodytes rubripinnis</i> | 805205 |
| | Serranidae | | Cottidae | 806992 |
| | <i>Morone saxatilis</i> | 806671 | <i>Cottus perplexus</i> | |
| | Salmonidae | | Hexagrammidae | |
| | <i>Oncorhynchus keta</i> | 806645 | <i>Agrammus agrammus</i> | 805205 |
| Young | | | Platycephaloidei | |
| | Centrarchidae | | <i>Inegocia japonica</i> | 805205 |
| | <i>Pomoxis annularis</i> | 808796 | Scombridae | |
| | Salmonidae | | <i>Sebastes inermis</i> | 805205 |
| | <i>Oncorhynchus</i> | 807731 | <i>Sebastes marmoratus</i> | 805205 |
| | Energy consumption | | Synanceiidae | |
| | Gadidae | | <i>Inimicus japonicus</i> | 805205 |
| | <i>Gadus morhua</i> | 808292 | Balistidae | |
| | Maintenance energy requirements | | <i>Brachaluteres ulvarum</i> | |
| | Straining for food | | Tetraodontidae | 805205 |
| | Engraulidae | | Clupeidae | |
| | <i>Engraulis mordax</i> | 807372 | <i>Clupeonella cultriventris</i> | 804897 |
| | Distribution within habitat | | Curimatidae | |
| | Salmonidae | | <i>Curimatorbis platanus</i> | 806129 |
| | <i>Oncorhynchus tshawytscha</i> | 806025 | Cyprinidae | 804897 |
| | <i>Salmo gairdneri</i> | 806025 | <i>Alburnus alburnus</i> | 805567 |
| Algae | | | <i>Rutilus rutilus</i> | 805567 |
| | Gobiidae | | Plotosidae | |
| | <i>Boleophthalmus dussumieri</i> | 805722 | <i>Plotosus anguillaris</i> | 805205 |
| | Plecoglossidae | | Bregmaceroideae | |
| | <i>Plecoglossus altivelis</i> | 806031 | <i>Bregmaceros maclellandi</i> | 805924 |
| Insecta | | | Esocidae | |
| | Experimental analysis | | <i>Esox lucius</i> | 804897 |
| | Cyprinodontidae | | Myctophidae | 806131 |
| | <i>Cyprinodon nevadensis</i> | 806973 | Salmonidae | 805924 |
| | Poeciliidae | | <i>Oncorhynchus kisutch</i> | 806024 |
| | <i>Gambusia affinis</i> | 806973 | <i>Oncorhynchus nerka</i> | 806105 |
| Plankton | | | <i>Salmo clarki</i> | 806092 |
| | Engraulidae | | <i>Salmo gairdneri</i> | 806105 |
| | <i>Engraulis encrasicolus</i> | 807272 | <i>Salvelinus malma</i> | 807275 |
| | Salmonidae | | Chauliodontidae | |
| | <i>Oncorhynchus nerka</i> | 805085 | <i>Chauliodus sloanei</i> | 805924 |
| | Population changes | | Gonostomatidae | |
| | Engraulidae | | <i>Vinciguerra nimbaria</i> | 805924 |
| | <i>Engraulis ringens</i> | 808386 | Marine environment | |
| | Impoundment manipulation | | Elasmobranchii | |
| | Centrarchidae | | Teleostei | 808754 |
| | <i>Micropterus salmoides</i> | 806162 | Insecticide pollutants | 808754 |
| | Computer analysis | | Effect on fish | |
| | Centrarchidae | | Teleostei | 808927 |
| | <i>Micropterus salmoides</i> | 806866 | Mathematical population models | |
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| | Teleostei | 805465 | <i>Sardinops sagax</i> | 807528 |
| | | 805509 | Engraulidae | |
| | | 806129 | <i>Engraulis mordax</i> | 807528 |
| | | 806130 | Merlucciidae | |
| | | 808929 | <i>Merluccius productus</i> | 807528 |
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| | <i>Gasterosteus aculeatus</i> | 807275 | Petromyzontomorpha | |
| | Syngnathidae | 805205 | <i>Petromyzon marinus</i> | 803957 |
| | <i>Syngnathus nigrolineatus</i> | 804897 | Percidae | |
| | Siganidae | | <i>Perca fluviatilis</i> | 804527 |
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| | Blenniidae | | Cyprinodontidae | |
| | <i>Dasson trossulus</i> | 805205 | <i>Cyprinodon atrorus</i> | 804951 |
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| | Nototheniidae | 805048 | <i>Gorgasia sillneri</i> | 804854 |
| | Apogonidae | 805205 | <i>Taenioconger hassi</i> | 804854 |

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| <i>Blennius pholis</i> | 806621 | Salmonidae | | |
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| Effect on fish | | Scombridae | | |
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| Oxygen consumption | | <i>Salmo gairdneri</i> | 807340 | |
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| <i>Umbra limi</i> | 808026 | Salmonidae | | |
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| Experimental analysis | | Pleuronectiformes | 804972 | |
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| Dominance social hierarchy | | Metabolic rate | | |
| Salmonidae | | Cyprinidae | | |
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| Seasonal changes | | Oxygen consumption | | |
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| <i>Esox lucius</i> | 807718 | Descriptive evolution | | |
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| Behavior (continued) | Temperature | | Feeding | |
| | Experimental analysis | | Experimental analysis | |
| Cyclical changes | Cottidae | | Salmonidae | |
| | <i>Cottus gobio</i> | 803932 | <i>Salmo gairdneri</i> | 807556 |
| | <i>Cottus poecilopus</i> | 803932 | <i>Salmo trutta</i> | 807556 |
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| | <i>Clupea harengus</i> | 804985 | Light | |
| | Light | | Gasterosteidae | |
| | Experimental analysis | | <i>Gasterosteus aculeatus</i> | 807656 |
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| | <i>Cottus gobio</i> | 803932 | Fry | |
| | <i>Cottus poecilopus</i> | 803932 | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus keta</i> | 807669 |
| | <i>Salvelinus fontinalis</i> | 806982 | Mating | |
| | Circadian rhythms | | Oral brooding | |
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| | <i>Fistularia petimba</i> | 808465 | Psychedelic drug treatment | |
| | Blenniidae | | Experimental analysis | |
| | <i>Runula azalea</i> | 808465 | Cyprinidae | |
| | Chaenopsidae | | <i>Carassius auratus</i> | 804039 805220 |
| | <i>Acanthemblemaria macrospilus</i> | 808465 | Water pollutants | |
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| | Labridae | | Salmonidae | |
| | Apogonidae | | <i>Salvelinus fontinalis</i> | 808515 |
| | <i>Apogon retrosella</i> | 808465 | Butyrophene | |
| | Carangidae | 808465 | Psychedelic drug treatment | |
| | Chaetodontidae | | Experimental analysis | |
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| | Grammistidae | | <i>Carassius auratus</i> | 803980 |
| | <i>Rypicus bicolor</i> | 808465 | Sleep | |
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| | <i>Lutjanus novemfasciatus</i> | 808465 | Percidae | |
| | Mullidae | | <i>Perca fluviatilis</i> | 804527 |
| | <i>Mulloidichthys dentatus</i> | 808465 | Pleuronectidae | |
| | Percidae | | <i>Pseudopleuronectes americanus</i> | 807873 |
| | <i>Stizostedion vitreum</i> | 807554 | Cyprinidae | |
| | Pomacentridae | | <i>Scardinius erythrophthalmus</i> | 804527 |
| | <i>Abudefduf troscheli</i> | 808465 | <i>Tinca tinca</i> | 804527 |
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| | Congridae | | <i>Blennius pholis</i> | 807035 |
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| | Muraenidae | | <i>Micropterus salmoides</i> | 803623 |
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| | <i>Myrichthys tigrinus</i> | 808465 | <i>Anguilla anguilla</i> | 807035 |
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| | <i>Notropis cornutus</i> | 808178 | <i>Leuresthes tenuis</i> | 807035 |
| | Esocidae | | Galaxiidae | |
| | <i>Esox lucius</i> | 807554 | <i>Galaxias maculatus</i> | 807035 |
| | Salmonidae | | Osmeridae | |
| | <i>Coregonus clupeaformis</i> | 807554 | <i>Hypomesus pretiosus</i> | 807035 |
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| | Salmonidae | | Experimental analysis | |
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| | <i>Tinca tinca</i> | 804527 | <i>Chrysophrys auratus</i> | 808363 |
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| | Salmonidae | | Bothidae | |
| | <i>Salmo trutta</i> | 806135 | <i>Paralichthys albigutta</i> | 806653 |
| | | 807478 | <i>Paralichthys dentatus</i> | 806653 |
| | | | <i>Paralichthys lethostigma</i> | 806653 |
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| | Experimental analysis | | Cottidae | |
| | Anguillidae | | <i>Oligocottus maculosus</i> | 806855 |
| | <i>Anguilla anguilla</i> | 807103 | | |

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| Blenniidae | | <i>Aplodinotus grunniens</i> | 808139 | (continued) |
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| Cyprinidae | 807746 | <i>Pseudosciaena diacanthus</i> | 808576 | |
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| Clinidae | 806057 | <i>Acanthocybium solanderi</i> | 808399 | |
| Pholididae | 806057 | <i>Auxis thazard</i> | 807014 | |
| Callionymidae | | <i>Euthynnus affinis</i> | 807014 | |
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| Gobiidae | 806057 | <i>Rastrelliger kanagurta</i> | 808576 | |
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| Embiotocidae | | Balistidae | | |
| <i>Ditrema temminckii</i> | 806224 | <i>Rudarius ercodes</i> | 805205 | |
| <i>Ditrema viridis</i> | 806224 | Tetraodontidae | | |
| Formoniidae | | <i>Sphoeroides nephelus</i> | 807609 | |
| <i>Parastrimateus niger</i> | 808576 | Triacanthidae | | |
| Lethrinidae | | <i>Triacanthus brevirostris</i> | 808577 | |
| <i>Lethrinus lentjan</i> | 808583 | Atherinidae | | |
| Nemipteridae | | <i>Menidia audens</i> | 808139 | |
| <i>Nemipterus japonicus</i> | 808576 | <i>Menidia extensa</i> | 807835 | |
| Percidae | | Cyprinodontidae | 806635 | |
| <i>Etheostoma punctulatum</i> | 806821 | <i>Fundulus sciadicus</i> | 806821 | |
| <i>Etheostoma variatum</i> | 804100 | <i>Fundulus similis</i> | 803947 | |
| <i>Perca fluviatilis</i> | 804420 | Poeciliidae | | |
| | 804896 | <i>Gambusia affinis</i> | 806635 | |
| | 806440 | Exocoetidae | 806322 | |
| <i>Perca carina demidoffi</i> | 807712 | | | |
| <i>Percina caprodes</i> | 808139 | | | |
| <i>Stizostedion canadense</i> | 804525 | | | |

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| Behavior (continued) | Clupeidae | 806635 | Hiodontidae | 806635 |
| | <i>Brevoortia patronus</i> | 807796 | <i>Hiodon alosoides</i> | 806635 |
| | <i>Clupea harengus</i> | 807016 | <i>Hiodon tergisus</i> | 806635 |
| Cyclical changes | | 805306 | Mormyridae | 803915 |
| | | 805319 | Batrachoidiformes | |
| | | 806319 | <i>Porichthys notatus</i> | 806906 |
| | | 806321 | Bregmacerotidae | |
| | | 808064 | <i>Bregmaceros maclellandi</i> | 807694 |
| | | 808427 | Gadidae | 805664 |
| | <i>Clupeonella delicatula</i> | 807712 | <i>Gadus macrocephalus</i> | 807904 |
| | <i>Dorosoma cepedianum</i> | 808139 | <i>Gadus morhua</i> | 805281 |
| | <i>Dorosoma petenense</i> | 808139 | | 805282 |
| | <i>Opisthonema oglinum</i> | 804224 | | 807541 |
| | | 806498 | <i>Lota lota</i> | 806635 |
| | <i>Sardina pilchardus</i> | 805664 | <i>Melanogrammus aeglefinus</i> | 805287 |
| | | 807078 | <i>Theragra chalcogramma</i> | 807667 |
| | | 808197 | Merlucciidae | |
| | | 808303 | <i>Merluccius gayi</i> | 808165 |
| | <i>Sardinella longiceps</i> | 807079 | <i>Merluccius merluccius</i> | 805664 |
| | | 808573 | | 807688 |
| | <i>Sardinops neopilchardus</i> | 808361 | | 808297 |
| | <i>Sprattus sprattus</i> | 805323 | <i>Merluccius productus</i> | 806326 |
| | | 805325 | Ophidiidae | |
| | | 805664 | <i>Barathronus bicolor</i> | 805709 |
| | | 807078 | Gobiesociformes | 806057 |
| Engraulidae | | | Lophiidae | |
| <i>Anchoviella guineensis</i> | 806744 | | <i>Lophius piscatorius</i> | 806515 |
| <i>Cetengraulis mysticetus</i> | 808646 | | Amblyopsidae | 806635 |
| <i>Engraulis encrasicolus</i> | 805664 | | Percopsidae | |
| | 807078 | | <i>Percopsis omiscomaycus</i> | 806635 |
| <i>Thrissa kammalensis</i> | 803746 | | Barbouriidae | |
| <i>Thrissocles</i> | 808577 | | <i>Barbouria rufa</i> | 806542 |
| Muraenesocidae | | | Argentinidae | |
| <i>Muraenesox talabonoides</i> | 808576 | | <i>Argentina sphyraena</i> | 804534 |
| Muraenidae | | | | 805664 |
| <i>Gymnothorax nigromarginatus</i> | 808400 | | | 806635 |
| Characidae | | | Esocidae | |
| <i>Alestes baremoze</i> | 808021 | | <i>Esox lucius</i> | 806415 |
| <i>Alestes macrophthalmus</i> | 804392 | | Umbridae | 806635 |
| Catostomidae | 806635 | | Osmeridae | 806635 |
| | 806821 | | Salmonidae | 806635 |
| <i>Catostomus catostomus</i> | 807008 | | <i>Coregonus clupeoideus</i> | 803672 |
| <i>Moxostoma carinatum</i> | 804165 | | <i>Oncorhynchus</i> | 807696 |
| Cyprinidae | 806041 | | <i>Oncorhynchus gorbusha</i> | 807008 |
| | 806415 | | <i>Oncorhynchus keta</i> | 807669 |
| | 806635 | | <i>Prosopium cylindraceum</i> | 807774 |
| <i>Abramis brama</i> | 805658 | | <i>Salmo gairdneri</i> | 807008 |
| | 806416 | | <i>Salmo salar</i> | 806879 |
| | 807749 | | <i>Salmo trutta</i> | 806414 |
| | 804708 | | <i>Salvelinus alpinus</i> | 805541 |
| <i>Barbus apleurogramma</i> | 804708 | | | 807696 |
| <i>Barbus kersteni</i> | 804708 | | <i>Salvelinus fontinalis</i> | 805541 |
| <i>Barbus magdaleneae</i> | 806442 | | <i>Salvelinus namaycush</i> | 808528 |
| <i>Carassius carassius</i> | 805197 | | <i>Stenodus leucichthys</i> | 806835 |
| <i>Catla catla</i> | 805197 | | <i>Thymallus arcticus</i> | 807008 |
| <i>Cirrhina mrigala</i> | 805197 | | Gonostomatidae | |
| | 805607 | | <i>Maurollicus pennanti</i> | 805664 |
| <i>Cyprinus carpio</i> | 807643 | | Adaptive evolution | |
| | 807749 | | Cichlidae | 808275 |
| | 808139 | | Cyprinodontidae | 808275 |
| | 807003 | | Adaptation | |
| <i>Ericymba buccata</i> | 807794 | | Gadidae | |
| <i>Gila robusta</i> | 808139 | | <i>Gadus morhua</i> | 805517 |
| <i>Hybopsis storeriana</i> | 806821 | | Effect on fish | |
| <i>Hybopsis xipunctata</i> | 805197 | | Hemoglobin | |
| <i>Labeo rohita</i> | 805605 | | Gobiidae | |
| | 805607 | | <i>Gobius cruentatus</i> | 805728 |
| <i>Leuciscus leuciscus</i> | 805972 | | Mullidae | |
| <i>Mylocheilus caurinus</i> | 806998 | | <i>Mullus surmuletus</i> | 805728 |
| <i>Nothobranchius lutrensis</i> | 804103 | | Serranidae | |
| | 808139 | | <i>Serranus cabrilla</i> | 805728 |
| <i>Oxygaster bacaila</i> | 806901 | | <i>Serranus scriba</i> | 805728 |
| <i>Pelecus cultratus</i> | 807712 | | Scorpaenidae | |
| <i>Pimephales notatus</i> | 804103 | | <i>Scorpaena porcus</i> | 805728 |
| <i>Pimephales vigilax</i> | 808139 | | <i>Scorpaena scrofa</i> | 805728 |
| <i>Ptychocheilus lucius</i> | 807794 | | Merlucciidae | |
| <i>Rhinichthys atratulus</i> | 806272 | | <i>Merluccius merluccius</i> | 805728 |
| | 807833 | | Intraspecific variation | |
| <i>Richardsonius balteatus</i> | 806998 | | Acipenseromorpha | |
| <i>Richardsonius egregius</i> | 808730 | | <i>Huso huso</i> | 804075 |
| <i>Rutilus rutilus</i> | 807673 | | Pleuronectidae | |
| | 807749 | | <i>Pleuronectes platessa</i> | 805517 |
| <i>Semotilus atromaculatus</i> | 804103 | | Clupeidae | |
| <i>Vimba vimba</i> | 804418 | | <i>Clupea harengus</i> | 805517 |
| Artiidae | | | <i>Sardinops sagax</i> | 805517 |
| <i>Arius heudeloti</i> | 804552 | | Engraulidae | |
| <i>Osteogobius militaris</i> | 805520 | | <i>Engraulis mordax</i> | 805517 |
| | 805521 | | Gadidae | |
| Bagridae | | | <i>Gadus morhua</i> | 805517 |
| <i>Mystus seenghala</i> | 805605 | | Salmonidae | |
| Clariidae | | | <i>Oncorhynchus nerka</i> | 805517 |
| <i>Clarias carsoni</i> | 804708 | | Geographic variation | |
| Ictalundae | 806635 | | Engraulidae | |
| | 806821 | | <i>Engraulis ringens</i> | 808166 |
| <i>Ictalurus punctatus</i> | 808139 | | | |

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| Clupeidae | | | <i>Elops lacerta</i> | 806120 | Behavior | | |
| <i>Clupea harengus</i> | 808372 | | Cyprinidae | 805868 | (continued) | | |
| Ecotypes | | | <i>Barbus barbus</i> | 804074 | | | |
| Otolith age study | | | Ariidae | | | | |
| Clupeidae | | | <i>Arius heudeloti</i> | 804552 | Orientation | | |
| <i>Clupea harengus</i> | 807921 | | Bagridae | | | | |
| Evolutionary adaptation | | | <i>Chrysichthys</i> | 806120 | | | |
| Cobitidae | | | Gadidae | 807910 | | | |
| <i>Botia birdi</i> | 808614 | | <i>Merlangius merlangus</i> | 807104 | | | |
| Cyprinidae | | | Merlucciidae | 807910 | | | |
| <i>Schizothorax niger</i> | 808614 | | <i>Merluccius productus</i> | 806326 | | | |
| Light | | | Larva | | | | |
| Experimental analysis | | | Teleostei | 803866 | | | |
| Salmonidae | | | | 807694 | | | |
| <i>Salvelinus fontinalis</i> | 808847 | | Gobiidae | | | | |
| Seasonal abundance | | | <i>Sicyopterus lagocephalus</i> | 804214 | | | |
| Elasmobranchii | 808576 | | Scorpaenidae | | | | |
| Rajidae | 807910 | | <i>Sebastes mentella</i> | 806621 | | | |
| Acipenseromorpha | 807910 | | Fry | | | | |
| Teleostei | 805655 | | Carangidae | | | | |
| | 807091 | | <i>Trachinotus carolinus</i> | 807034 | | | |
| | 808153 | | Lunar rhythms | | | | |
| | 808576 | | Squalomorpha | 807035 | | | |
| | 808653 | | Teleostei | 807035 | | | |
| | | | Clupeidae | 807035 | | | |
| Gasterosteidae | | | Aestivation | | | | |
| <i>Gasterosteus aculeatus</i> | 805868 | | Experimental analysis | | | | |
| Mugiloidae | | | Dipnoi | | | | |
| <i>Liza falcipinnis</i> | 806120 | | <i>Protopterus annectens</i> | 806294 | | | |
| Carangidae | 806120 | | Nitrogen metabolism | | | | |
| Cichlidae | 806120 | | Dipnoi | 809067 | | | |
| Gerreidae | | | Brain | | | | |
| <i>Gerres</i> | 806120 | | Biochemistry | | | | |
| Lutjanidae | | | Dipnoi | | | | |
| <i>Lutjanus goreensis</i> | 806120 | | <i>Protopterus aethiopicus</i> | 807039 | | | |
| Monodactylidae | | | Experimental analysis | | | | |
| <i>Monodactylus sebae</i> | 806120 | | Dipnoi | | | | |
| Percidae | | | <i>Protopterus aethiopicus</i> | 807039 | | | |
| <i>Perca fluviatilis</i> | 805868 | | Thyroid hormone | | | | |
| <i>Stizostedion lucioperca</i> | 805868 | | Experimental analysis | | | | |
| Pomadasyidae | | | Dipnoi | | | | |
| <i>Pomadasys jubelini</i> | 806120 | | <i>Protopterus</i> | 809073 | | | |
| Sciaenidae | | | Temperature | | | | |
| <i>Corvina nigrita</i> | 806120 | | Biochemistry | | | | |
| <i>Cynoscion virescens</i> | 807032 | | Dipnoi | | | | |
| <i>Micropterus furnieri</i> | 807032 | | <i>Lepidostieus paradoxus</i> | 803973 | | | |
| <i>Pseudosciaena polyactis</i> | 804472 | | Hibernation | | | | |
| <i>Pseudotolithus elongatus</i> | 805648 | | Clupeidae | | | | |
| <i>Pseudotolithus senegalensis</i> | 805648 | | <i>Clupea harengus</i> | 808917 | | | |
| | 806750 | | Orientation and locomotion | | | | |
| <i>Pseudotolithus typus</i> | 805648 | | Group effect | | | | |
| Serranidae | | | Migrations | 807427 | | | |
| <i>Epinephelus aeneus</i> | 806120 | | Spatial orientation | | | | |
| Sparidae | | | Gobiidae | | | | |
| <i>Lagodon rhomboides</i> | 806244 | | <i>Trimma</i> | 804275 | | | |
| Polyemoidae | | | Cottidae | | | | |
| <i>Galeoides decadactylus</i> | 806120 | | <i>Artedius creaseri</i> | 807188 | | | |
| <i>Polydactylus quadrifilis</i> | 806120 | | Scorpaenidae | | | | |
| Istiophoridae | | | <i>Sebastes atrovirens</i> | 807188 | | | |
| <i>Makaira indica</i> | 807189 | | <i>Taenianotus triacanthus</i> | 807950 | | | |
| Scombridae | 807189 | | Bagridae | | | | |
| <i>Cybius tritor</i> | 806120 | | <i>Heterobagrus</i> | 803509 | | | |
| <i>Thunnus alalunga</i> | 807857 | | Mochokidae | | | | |
| <i>Thunnus thynnus</i> | 807128 | | <i>Synodontis eupterus</i> | 803602 | | | |
| Sphyracnoidae | | | Experimental analysis | | | | |
| <i>Sphyracna piscatorum</i> | 806120 | | Cyprinidae | | | | |
| Cynoglossidae | | | <i>Carassius auratus</i> | 804410 | | | |
| <i>Cynoglossus senegalensis</i> | 806120 | | | 806849 | | | |
| Pleuronectidae | 807910 | | Instrumental conditioning | | | | |
| <i>Citharichthys stampfli</i> | 806120 | | Cyprinidae | | | | |
| Anoplopomatidae | | | <i>Carassius auratus</i> | 807121 | | | |
| <i>Anoplopoma fimbria</i> | 807910 | | <i>Cyprinus carpio</i> | 807121 | | | |
| Hexagrammidae | 807910 | | Sound reception | | | | |
| Scorpaenidae | 807910 | | Experimental analysis | | | | |
| Cyprinodontidae | | | Centrarchidae | | | | |
| <i>Aplocheilichthys spilauchen</i> | 806120 | | <i>Lepomis gibbosus</i> | 804199 | | | |
| Poeciliidae | | | Cyprinidae | | | | |
| <i>Gambusia</i> | 805868 | | <i>Cyprinus carpio</i> | 804199 | | | |
| Belontiidae | | | Nose | | | | |
| <i>Strongylura senegalensis</i> | 806120 | | Experimental analysis | | | | |
| Exocoetidae | | | Petromyzontomorpha | | | | |
| <i>Hyporhamphus</i> | 806120 | | <i>Petromyzon marinus</i> | 803957 | | | |
| Clupeidae | 807910 | | Orectolobidae | | | | |
| <i>Clupea harengus</i> | 807920 | | <i>Ginglymostoma cirratum</i> | 803957 | | | |
| Dussumieria | 806726 | | Teleostei | 803957 | | | |
| <i>Ethmalosa fimbriata</i> | 806120 | | | | | | |
| <i>Opisthonema oglinum</i> | 807033 | | | | | | |
| <i>Pellonula afzelius</i> | 806120 | | | | | | |
| <i>Sardinia pilchardus</i> | 805665 | | | | | | |
| <i>Sardinella</i> | 806726 | | | | | | |
| <i>Sardinella anchovia</i> | 807030 | | | | | | |
| <i>Sardinella eba</i> | 806120 | | | | | | |
| Engraulidae | | | | | | | |
| <i>Anchoviella</i> | 806726 | | | | | | |

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| Behavior (continued) | Larva | | Torpedinidae | |
| | Clupeidae | | <i>Torpedo marmorata</i> | 804531 |
| | <i>Clupea harengus</i> | 804396 | <i>Torpedo nobiliana</i> | 804531 |
| Orientation | Salmonidae | | Scombridae | |
| | <i>Oncorhynchus</i> | 806020 | <i>Euthynnus affinis</i> | 804994 |
| | Lunar rhythms | | Biochemistry | |
| | Experimental analysis | | Function | |
| | Poeciliidae | | Dasyatidae | |
| | <i>Poecilia reticulata</i> | 806829 | <i>Dasyatis pastinaca</i> | 805404 |
| | Hiding | | Rajidae | 805404 |
| | Experimental analysis | | Torpedinidae | |
| | Centrarchidae | | <i>Torpedo marmorata</i> | 805404 |
| | <i>Micropterus dolomieu</i> | 807339 | <i>Torpedo nobiliana</i> | 805404 |
| | Poeciliidae | | Carcharhinidae | 805404 |
| | <i>Gambusia affinis</i> | 809043 | Cetorhinidae | |
| | Effects of experience | | <i>Cetorhinus maximus</i> | 805404 |
| | Poeciliidae | | Isuridae | |
| | <i>Gambusia affinis</i> | 809043 | <i>Lamna nasus</i> | 805404 |
| | Captive vs natural fishes | | Scyliorhinidae | 805404 |
| | Vertical distribution | | Dalatiidae | |
| | Salmonidae | | <i>Dalatias licha</i> | 805404 |
| | <i>Salvelinus fontinalis</i> | 808515 | Squalidae | |
| | Rheotaxis | | <i>Squalus acanthias</i> | 805404 |
| | Percidae | 807672 | Squatinae | |
| | Cyprinidae | 807672 | <i>Squatina squatina</i> | 805404 |
| | Salmonidae | | Lipid and fatty acid content | |
| | <i>Salmo gairdneri</i> | 806252 | Experimental analysis | |
| | <i>Salmo trutta</i> | 806252 | Chimaeromorpha | |
| | | 807798 | <i>Hydrolagus affinis</i> | 807331 |
| | Experimental analysis | | Dalatiidae | |
| | Pleuronectidae | | <i>Dalatias licha</i> | 807331 |
| | <i>Pleuronectes platessa</i> | 805864 | Squalidae | 807331 |
| | Developmental analysis | | Gas bladder | |
| | Pleuronectidae | | Teleostei | 807954 |
| | <i>Pleuronectes platessa</i> | 804192 | Gas bladder capacity | |
| | Fry | | Lipid and fatty acid content | |
| | Salmonidae | | Clupeidae | |
| | <i>Oncorhynchus</i> | 806020 | <i>Clupea harengus</i> | 807474 |
| | Populations | | Egg | |
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| | Salmonidae | | Acipenseromorpha | 807683 |
| | <i>Oncorhynchus nerka</i> | 806617 | Teleostei | 807683 |
| | Orientation to surface | | Change with age | |
| | Anablepidae | | Rajidae | |
| | <i>Anableps anableps</i> | 804849 | <i>Raja clavata</i> | 807979 |
| | Orientation to floating objects | | Squalidae | |
| | Carangidae | | <i>Squalus acanthias</i> | 807979 |
| | <i>Chloroscombrus chrysurus</i> | 807872 | Acipenseromorpha | |
| | Scombridae | | <i>Acipenser gueldenstaedti</i> | 807979 |
| | <i>Thunnus</i> | 804967 | Water pressure | |
| | Stromateidae | | Experimental analysis | |
| | <i>Peprius alepidotus</i> | 807872 | Belontiidae | |
| | <i>Peprius burti</i> | 807872 | <i>Macropodus opercularis</i> | 807737 |
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| | Scombridae | | <i>Cichlasoma biocellatum</i> | 807737 |
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| | <i>Thunnus</i> | 808723 | <i>Gymnocephalus cernua</i> | 807737 |
| | Orientation with light source | | <i>Perca fluviatilis</i> | 807737 |
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| | Carangidae | | <i>Corydoras paleatus</i> | 807737 |
| | <i>Decapterus</i> | 806313 | Esocidae | |
| | Clupeidae | | <i>Esox lucius</i> | 807737 |
| | <i>Sardinella aurita</i> | 806313 | Seasonal changes | |
| | Experimental analysis | | Teleostei | 807979 |
| | Teleostei | 804992 | Experimental analysis | |
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| | <i>Clupea harengus</i> | 808662 | <i>Salmo salar</i> | 807475 |
| | Larva | | Locomotion | |
| | Teleostei | 809081 | Gobiidae | 809057 |
| | Schooling | | Pleuronectiformes | 804972 |
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| | <i>Osmerus eperlanus</i> | 804755 | <i>Taenianotus triacanthus</i> | 807950 |
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| | Experimental analysis | | <i>Lophius americanus</i> | 807207 |
| | Serranidae | | Function | |
| | <i>Morone chrysops</i> | 807479 | Teleostei | 807771 |
| | Salmonidae | | Descriptive evolution | |
| | <i>Salmo clarki</i> | 807419 | Rajomorpha | 807013 |
| | Avoidance conditioning | | Squalomorpha | 807013 |
| | Salmonidae | | Dipnoi | 807013 |
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| | Fishing methods | | <i>Latimeria chalumnae</i> | 807013 |
| | Experimental analysis | | Teleostei | 807013 |
| | Clupeidae | | Tetraodontiformes | 807013 |
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| | <i>Sprattus sprattus</i> | 804981 | Descriptive evolution | |
| | Engraulidae | | Teleostei | 806945 |
| | <i>Engraulis encrasicolus</i> | 804981 | Axial skeletal muscles | |
| | Hydrostatics | | Descriptive evolution | |
| | Elasmobranchii | 807979 | Teleostei | 806945 |
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| | <i>Raja clavata</i> | 804531 | Experimental analysis | |
| | <i>Raja montagui</i> | 804531 | Carcharhinidae | |
| | | | <i>Mustelus canis</i> | 804573 |

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| Lotic waters | | Fishing gear selectivity | | Behavior |
| Teleostei | 807434 | Netting | | (continued) |
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| Exocoetidae | 807210 | Effect on fish | | |
| Hydrodynamics | | Oxygen consumption | | |
| Experimental analysis | | Cichlidae | | |
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| <i>Mugil saliens</i> | 804422 | Teleostei | | |
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| Elasmobranchii | 804968 | <i>Euthynnus affinis</i> | 804994 | |
| Acipenseromorpha | 807979 | Feeding | | |
| Teleostei | 804968 | Experimental analysis | | |
| Mugiloidi | | Scombridae | | |
| <i>Mugil saliens</i> | 803668 | <i>Euthynnus affinis</i> | 804994 | |
| Istiophoridae | 805578 | Institution | | |
| Xiphiidae | | Elasmobranchii | 805577 | |
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| Salmonidae | | Swimming endurance | | |
| <i>Salmo gairdneri</i> | 804219 | Elasmobranchii | 804968 | |
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| Experimental analysis | | Experimental analysis | | |
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| Function | | Larva | | |
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| Experimental analysis | | Fry | | |
| Mugiloidi | | Experimental analysis | | |
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| Pomadasysidae | | Salmonidae | | |
| <i>Pomadasys</i> | 804569 | <i>Oncorhynchus tshawytscha</i> | 807826 | |
| Change with age | | Exercise | | |
| Elasmobranchii | 807979 | Experimental analysis | | |
| Teleostei | 807979 | Salmonidae | | |
| Carangidae | | <i>Salvelinus fontinalis</i> | 808849 | |
| <i>Trachurus mediterraneus</i> | 807979 | Burrowing underwater | | |
| Pomatomidae | | Gobiidae | | |
| <i>Pomatomus saltatrix</i> | 807979 | <i>Croilia mossambica</i> | 804049 | |
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| | Ophichthidae | | | 804723 |
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| | <i>Pisodonophis boro</i> | 806401 | <i>Scorpaenichthys marmoratus</i> | 807227 |
| | Larva | | Cyclopteridae | |
| | Salmonidae | | <i>Liparis mucosus</i> | 807227 |
| | <i>Oncorhynchus kisutch</i> | 806021 | Hexagrammidae | |
| | Fry | | <i>Ophiodon elongatus</i> | 807227 |
| | Experimental analysis | | <i>Oxylebius pictus</i> | 807227 |
| | Salmonidae | | Scorpaenidae | 807227 |
| | <i>Oncorhynchus</i> | 806020 | <i>Sebastes inermis</i> | 804316 |
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| | Anabantidae | | <i>Peristedion cataphractum</i> | 806002 |
| | <i>Anabas testudineus</i> | 806390 | Atherinidae | |
| | Gobiidae | 809057 | <i>Atherinops affinis</i> | 807227 |
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| | <i>Periophthalmus schlosseri</i> | 806141 | <i>Sardina pilchardus</i> | 804980 |
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| | <i>Rivulus beniensis</i> | 806670 | Congridae | |
| | Muraenidae | 807246 | <i>Gorgasia sillneri</i> | 804854 |
| | Clariidae | | <i>Taenioconger hassi</i> | 804854 |
| | <i>Clarias batrachus</i> | 803676 | Muraenidae | |
| | | 804875 | <i>Gymnothorax mordax</i> | 807227 |
| | | 806390 | Characidae | |
| | | 808708 | <i>Acestrorhynchus falcirostris</i> | 803580 |
| | Aerial locomotion | | Cynodontidae | |
| | Teleostei | 807979 | <i>Hydrolycus pectoralis</i> | 803580 |
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| | | 806206 | Erythrinidae | |
| | Gasteropelecidae | 804019 | <i>Hoplerythrinus unitaeniatus</i> | 803580 |
| | | 806206 | <i>Hoplias malabaricus</i> | 803580 |
| Leaping | <i>Carnegiella vesca</i> | 806090 | Cyprinidae | |
| | | | <i>Cyprinus carpio</i> | 805606 |
| | Cyprinodontidae | | Gadidae | 804975 |
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| | Acanthuridae | 805465 | <i>Lampanyctus mexicanus</i> | 804276 |
| | | 805679 | Salmonidae | |
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| | <i>Hypoblennius gentilis</i> | 807227 | <i>Salmo trutta</i> | 806252 |
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| | <i>Pimelometopon pulchrum</i> | 807227 | Coelacanthini | |
| | Carangidae | | <i>Latimeria chalumnae</i> | 807013 |
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| | Cichlidae | 805744 | Semionotomorpha | 807013 |
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| | <i>Geophagus jurupari</i> | 804217 | Effect on fish | |
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| | <i>Tilapia mossambica</i> | 806117 | Tainted tasting flesh | |
| | <i>Tilapia zilli</i> | 806117 | Mugiloidae | |
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| | Percidae | | Brain | |
| | <i>Stizostedion vitreum</i> | 807178 | Function | |
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| | Serranidae | | <i>Ambassis ranga</i> | 806369 |
| | <i>Paralabrax clathratus</i> | 807227 | Nandidae | |
| | <i>Stereolepis gigas</i> | 807227 | <i>Nandus nandus</i> | 806369 |
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| | <i>Sillago sihama</i> | 806767 | <i>Cynoglossus bilineatus</i> | 806369 |
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| | <i>Cynoglossus</i> | 804723 | <i>Xenentodon cancila</i> | 806369 |
| | Pleuronectidae | 804332 | Clupeidae | |
| | | 804723 | <i>Hilsa ilisha</i> | 806369 |
| | <i>Microstomus kitt</i> | 806555 | Cyprinidae | |
| | Psettodidae | | <i>Chela bacaila</i> | 806369 |
| | <i>Psettodes belcheri</i> | 804723 | | |

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| <i>Naja dandrica</i> | 806369 | <i>Salmo trutta</i> | 806621 | Behavior (continued) |
| Bagridae | | Seasonal changes | | |
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| Clariidae | | <i>Stizostedion canadense</i> | 804525 | |
| <i>Clarias batrachus</i> | 806369 | Cyprinidae | | |
| Notopteridae | | <i>Gobio gobio</i> | 804077 | Feeding |
| <i>Notopterus notopterus</i> | 806369 | Adlibitum food capacity | | |
| Displacement detection | | Experimental analysis | | |
| Experimental analysis | | Scombridae | | |
| Carcharhinidae | 804784 | <i>Euthynnus pelamis</i> | 807823 | |
| Orectolobidae | | Poeciliidae | | |
| <i>Ginglymostoma cirratum</i> | 804784 | <i>Poecilia reticulata</i> | 804885 | |
| Sphymidae | | Cyprinidae | | |
| <i>Sphyrna tiburo</i> | 804784 | <i>Carassius carassius</i> | 804885 | |
| Serranidae | 804784 | Intertidal zone | | |
| Nose | | Teleostei | 806057 | |
| Experimental analysis | | Lotic waters | | |
| Petromyzontomorpha | | Teleostei | 807434 | |
| <i>Petromyzon marinus</i> | 803957 | Availability and use of food | | |
| Elasmobranchii | 803957 | Experimental analysis | | |
| Orectolobidae | | Salmonidae | | |
| <i>Ginglymostoma cirratum</i> | 803957 | <i>Oncorhynchus gorboscha</i> | 803519 | |
| Teleostei | 803957 | <i>Oncorhynchus keta</i> | 803519 | |
| Larva | | Circadian rhythms | | |
| Sparidae | | Carangidae | | |
| <i>Chrysophrys major</i> | 805345 | <i>Trachurus declivis</i> | 807753 | |
| Soleidae | | Poeciliidae | | |
| <i>Zebrias zebra</i> | 805345 | <i>Gambusia affinis</i> | 807179 | |
| Exocoetidae | | Characidae | | |
| <i>Hemiramphus sajori</i> | 805345 | <i>Micralestes acutidens</i> | 805053 | |
| Change with age | | Salmonidae | | |
| Clupeidae | | <i>Oncorhynchus gorboscha</i> | 804955 | |
| <i>Clupeonella delicatula</i> | 807732 | <i>Oncorhynchus keta</i> | 804955 | |
| Circadian rhythms | | <i>Oncorhynchus nerka</i> | 807800 | |
| Clupeidae | | Larva | | |
| <i>Clupeonella delicatula</i> | 807732 | Clupeidae | | |
| Learned vs unlearned behavior | | <i>Sardinia pilchardus</i> | 804529 | |
| Teleostei | 804987 | Change with age | | |
| Pleuronectidae | | Cyprinidae | | |
| <i>Pleuronectes platessa</i> | 804987 | <i>Erycyma buccata</i> | 807003 | |
| Fry | | <i>Leuciscus cephalus</i> | 805344 | |
| Acipenseromorpha | 805559 | Seasonal changes | | |
| Semionotomorpha | 804827 | Cyprinidae | | |
| Salmonidae | | <i>Erycyma buccata</i> | 807003 | |
| <i>Oncorhynchus kisutch</i> | 806024 | Salmonidae | | |
| Effects of experience | | <i>Salmo trutta</i> | 805809 | |
| Salmonidae | | Activity patterns | | |
| <i>Oncorhynchus nerka</i> | 803864 | Percidae | | |
| Young | | <i>Perca fluviatilis</i> | 804527 | |
| Centrarchidae | | Cyprinidae | | |
| <i>Pomoxis annularis</i> | 806166 | <i>Scardinius erythrophthalmus</i> | 804527 | |
| Cichlidae | | <i>Tinca tinca</i> | 804527 | |
| <i>Tilapia mossambica</i> | 804049 | Esocidae | | |
| Percidae | | <i>Esox lucius</i> | 804524 | |
| <i>Stizostedion canadense</i> | 806166 | Salmonidae | | |
| Sciaenidae | | <i>Oncorhynchus gorboscha</i> | 805432 | |
| <i>Aplodinotus grunniens</i> | 806166 | <i>Oncorhynchus keta</i> | 805432 | |
| Experimental analysis | | <i>Oncorhynchus nerka</i> | 805432 | |
| Salmonidae | | Experimental analysis | | |
| <i>Oncorhynchus gorboscha</i> | 803519 | Poeciliidae | | |
| <i>Oncorhynchus keta</i> | 803519 | <i>Poecilia reticulata</i> | 804885 | |
| Change with age | | Cyprinidae | | |
| Gobiidae | 805205 | <i>Carassius carassius</i> | 804885 | |
| Labridae | | Intraspecific variation | | |
| <i>Duymaeria flagellifera</i> | 805205 | Cyprinidae | | |
| Centrarchidae | | <i>Abramis brama</i> | 806451 | |
| <i>Micropterus salmoides</i> | 806131 | Seasonal changes | | |
| Embiotocidae | 805609 | Cyprinidae | | |
| <i>Ditrema temminckii</i> | 805205 | <i>Blicca bjoerkna</i> | 804076 | |
| Percidae | | Change with age | | |
| <i>Perca fluviatilis</i> | 806131 | Anguillidae | | |
| <i>Stizostedion lucioperca</i> | 806131 | <i>Anguilla anguilla</i> | 806449 | |
| | 806484 | Activity patterns | | |
| Pomacentridae | | Scombridae | | |
| <i>Pomacentrus jenkinsi</i> | 805106 | <i>Thunnus</i> | 806419 | |
| Cottidae | 805205 | Cyprinidae | | |
| Scorpaenidae | | <i>Phoxinus erythrogaster</i> | 804435 | |
| <i>Sebastes inermis</i> | 805205 | Terrestrial locomotion | | |
| <i>Sebastes marmoratus</i> | 805205 | Anabantidae | | |
| Balistidae | | <i>Anabas testudineus</i> | 806390 | |
| <i>Monacanthus tomentosus</i> | 805205 | Clariidae | | |
| <i>Monacanthus japonicus</i> | 805205 | <i>Clarias batrachus</i> | 806390 | |
| <i>Rudarius ercodes</i> | 805205 | Gut contents | | |
| Characidae | | Computer analysis | | |
| <i>Alestes macrophthalmus</i> | 804392 | Teleostei | 807911 | |
| Cyprinidae | | Group behavior | | |
| <i>Cyprinus carpio</i> | 806484 | Labridae | | |
| <i>Ptychocheilus lucius</i> | 807090 | <i>Coris julis</i> | 805638 | |
| <i>Rutilus rutilus</i> | 806484 | <i>Crenilabrus</i> | 805638 | |
| Plotosidae | | Mullidae | | |
| <i>Plotosus anguillaris</i> | 805205 | <i>Mullus surmuletus</i> | 805638 | |
| Esocidae | | | | |
| <i>Esox lucius</i> | 806131 | | | |

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| Behavior (continued) | Sparidae | | Mechanical senses | |
| | <i>Dentex</i> | 805638 | Experimental analysis | |
| Feeding | <i>Diplodus vulgaris</i> | 805638 | Amblyopsidae | |
| | Soleidae | | <i>Chologaster agassizi</i> | 804436 |
| | <i>Monochirus hispidus</i> | 805638 | Chemical senses | |
| | Aural sensitivity and acuity | | Experimental analysis | |
| | Carcharhinidae | | Amblyopsidae | |
| | <i>Carcharhinus</i> | 807208 | <i>Chologaster agassizi</i> | 804436 |
| | Sphyrnidae | 807208 | Visual senses | |
| | Group effect | | Pleuronectidae | |
| | Scombridae | | <i>Pseudopleuronectes americanus</i> | 807873 |
| | <i>Thunnus</i> | 804967 | Larva | |
| Sound production | Clupeidae | | <i>Opisthonema oglinum</i> | 807848 |
| | Experimental analysis | | Change with age | |
| | Teleostei | 808359 | Gadidae | |
| | Sensory deprivation | | <i>Gadus morhua</i> | 807373 |
| | Experimental analysis | | Change with age | |
| | Esocidae | | Engraulidae | |
| | <i>Esox lucius</i> | 805639 | <i>Engraulis japonicus</i> | 806761 |
| | Effects of experience | | Larva | |
| | Experimental analysis | | Clupeidae | |
| | Salmonidae | | <i>Clupea harengus</i> | 804396 |
| Captive vs natural fishes | <i>Oncorhynchus keta</i> | 807443 | Insecta | |
| | Percidae | | Experimental analysis | |
| | <i>Stizostedion vitreum</i> | 806115 | Cyprinodontidae | |
| | Catostomidae | | <i>Cyprinodon nevadensis</i> | 806973 |
| | <i>Catostomus commersoni</i> | 806115 | Poeciliidae | |
| | Digging for food | | <i>Gambusia affinis</i> | 806973 |
| | Cyprinodontidae | | Larva | |
| | <i>Cyprinodon</i> | 804951 | Cyprinodontidae | |
| | <i>Cyprinodon atrorus</i> | 804951 | <i>Cyprinodon nevadensis</i> | 806973 |
| | Skin nipping for food | | Poeciliidae | |
| Effects of experience | Experimental analysis | | <i>Gambusia affinis</i> | 806973 |
| | Blenniidae | | Digging for food | |
| | <i>Runula rhinorhynchus</i> | 808501 | Gadidae | |
| | Descriptive evolution | | <i>Gadus morhua</i> | 808292 |
| | Blenniidae | | Grazing | |
| | <i>Runula rhinorhynchus</i> | 808501 | Teleostei | |
| | Gut contents | | Acanthuridae | 805465 |
| | Change with age | | <i>Acanthurus</i> | 805679 |
| | Ammodytidae | | Mugilidae | 805465 |
| | <i>Ammodytes hexapterus</i> | 803519 | <i>Rhinomugil corsula</i> | 806902 |
| Hexagrammidae | <i>Hexagrammos decagrammus</i> | 803519 | Cyprinodontidae | |
| | Seasonal changes | | <i>Cyprinodon</i> | 804951 |
| | Characidae | | Description and occurrence | |
| | <i>Alestes macrophthalmus</i> | 804392 | Algae | |
| | Preying on large prey | | Teleostei | 805066 |
| | Squalomorpha | 805999 | Seaweeds | |
| | Carcharhinidae | 807208 | Teleostei | 805066 |
| | Istiophoridae | | Preying on small prey | |
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| | Schooling | | <i>Gnathanodon speciosus</i> | 808465 |
| Descriptive evolution | Characidae | | Straining for food | |
| | <i>Serrasalmus</i> | 804807 | Experimental analysis | |
| | Attacks on man | | Engraulidae | |
| | Squalomorpha | 808904 | <i>Engraulis mordax</i> | 807372 |
| | Preying on small prey | | Sifting for food | |
| | Centrarchidae | | Acanthuridae | 805679 |
| | <i>Micropterus salmoides</i> | 806527 | Gobiidae | |
| | Percidae | 806866 | <i>Boleophthalmus boddarti</i> | 809057 |
| | <i>Perca flavescens</i> | 807446 | <i>Scartelao viridis</i> | 809057 |
| | <i>Perca fluviatilis</i> | 807718 | Gadidae | |
| <i>Stizostedion lucioperca</i> | <i>Stizostedion vitreum</i> | 807446 | <i>Gadus morhua</i> | 808292 |
| | Serranidae | | Shooting and jetting for food | |
| | <i>Epinephelus labriformis</i> | 808465 | Belontiidae | |
| | Cottidae | | <i>Colisa lalia</i> | 805888 |
| | <i>Cottus gobio</i> | 805601 | Toxotidae | 805889 |
| | <i>Taurulus bubalis</i> | 805601 | <i>Toxotes jaculatrix</i> | 805889 |
| | Cyprinodontidae | | Fanning for food | |
| | <i>Cyprinodon</i> | 804951 | Balistridae | |
| | Characidae | | <i>Sufflamen verres</i> | 808465 |
| | <i>Serrasalmus nattereri</i> | 804731 | Luring and angling for food | |
| Cyprinidae | Teleostei | | Teleostei | 805021 |
| | <i>Notropis hudsonius</i> | 807446 | Chacidae | |
| | <i>Phoxinus erythrogaster</i> | 804435 | <i>Chaca chaca</i> | 808501 |
| | Esocidae | | Lophiiformes | 808501 |
| | <i>Esox lucius</i> | 807718 | Antennariidae | |
| | Experimental analysis | | <i>Antennarius scaber</i> | 808815 |
| | Centrarchidae | | Fin clipping for food | |
| | Scombridae | | Blenniidae | |
| | <i>Lepomis gibbosus</i> | 804628 | <i>Aspidontus taeniatus</i> | 808501 |
| | <i>Scomber japonicus</i> | 807282 | Ichthyoboridae | |
| Engraulidae | <i>Engraulis mordax</i> | 807372 | <i>Phago loricatus</i> | 809052 |
| | Muscles | | Scale scraping for food | |
| | Function | | Blenniidae | |
| | Anabantidae | | <i>Runula azalea</i> | 807577 |
| | <i>Anabas testudineus</i> | 808789 | | 808465 |

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| Descriptive evolution | | Muscular electrophysiology | | Behavior |
| Characidae | | Percidae | 805340 | (continued) |
| Cataprin | 804807 | <i>Perca fluviatilis</i> | | |
| Exodon | 804807 | Larva | | |
| Feeding on parent | | Salmonidae | | |
| Development | | <i>Oncorhynchus</i> | 806020 | Self-protection |
| Cichlidae | | Exercise | | |
| <i>Etoplus maculatus</i> | 806274 | Experimental analysis | | |
| Prolactin | | Centrarchidae | | |
| Experimental analysis | | <i>Lepomis gibbosus</i> | 803826 | |
| Cichlidae | 809072 | Ictaluridae | | |
| Change with age | | <i>Ictalurus nebulosus</i> | 803826 | |
| Cichlidae | | Salmonidae | | |
| <i>Etoplus maculatus</i> | 806148 | <i>Salmo trutta</i> | 803826 | |
| Cleaning symbiosis | | Temperature | | |
| Teleostei | 804417 | Experimental analysis | | |
| | 806562 | Centrarchidae | | |
| | 808501 | <i>Lepomis macrochirus</i> | 803970 | |
| Gobiidae | | Cyprinidae | | |
| <i>Gobiosoma digueti</i> | 808465 | <i>Carassius auratus</i> | 803996 | |
| Labridae | | Hydrogen ion concentration | | |
| <i>Bodianus diplotaenia</i> | 803553 | Experimental analysis | | |
| | 808465 | Salmonidae | | |
| <i>Crenilabrus melanocercus</i> | 805638 | <i>Salmo salar</i> | 806255 | |
| <i>Crenilabrus ocellatus</i> | 805638 | Oxygen | | |
| <i>Labrichthys cousteau</i> | 807935 | Experimental analysis | | |
| <i>Labroides bicolor</i> | 808284 | Dipnoi | | |
| <i>Labroides dimidiatus</i> | 805021 | <i>Protopterus aethiopicus</i> | 807318 | |
| | 806069 | Centrarchidae | | |
| | 807935 | <i>Lepomis macrochirus</i> | 803970 | |
| <i>Labroides phthiropagus</i> | 804175 | Salmonidae | | |
| <i>Labroides rubrolabiatus</i> | 808644 | <i>Salmo salar</i> | 806255 | |
| <i>Oxyjulis californica</i> | 803553 | Carbon dioxide | | |
| | 807188 | Experimental analysis | | |
| <i>Symphodus melanocercus</i> | 803931 | Dipnoi | | |
| <i>Thalassoma lucasanum</i> | 803553 | <i>Protopterus aethiopicus</i> | 807318 | |
| | 808465 | Salmonidae | | |
| Chaetodontidae | | <i>Salmo salar</i> | 806255 | |
| <i>Heniocichus nigrirstris</i> | 803553 | Oral brooding | | |
| | 808465 | Function | | |
| <i>Pomacanthus imperator</i> | 804175 | Cichlidae | | |
| Cichlidae | | <i>Tilapia melanotheron</i> | 808411 | |
| <i>Etoplus maculatus</i> | 805021 | Gill cleaning | | |
| <i>Geophagus brasiliensis</i> | 805021 | Fry | | |
| Embiotocidae | | Salmonidae | | |
| <i>Phanerodon atripes</i> | 803553 | <i>Oncorhynchus</i> | 806020 | |
| Pomacentridae | | Oral brooding | | |
| <i>Abudefduf troscheli</i> | 803553 | Function | | |
| | 808465 | Cichlidae | | |
| <i>Chromis punctipinnis</i> | 807188 | <i>Tilapia melanotheron</i> | 808411 | |
| Serranidae | | Gas bladder filling | | |
| <i>Epinephelus itajara</i> | 806069 | Fry | | |
| Scorpaenidae | | Salmonidae | | |
| Sebastes | 807188 | <i>Oncorhynchus</i> | 806020 | |
| Molidae | | Self protection | | |
| <i>Mola mola</i> | 807188 | Deceptive actions | | |
| Atherinidae | | Doradidae | | |
| <i>Atherinops affinis</i> | 807188 | <i>Hassar orestis</i> | 804731 | |
| <i>Atherinopsis californiensis</i> | 807188 | Habitat preference | | |
| Muraenidae | 806069 | Elasmobranchii | 807237 | |
| Experimental analysis | | Teleostei | 807237 | |
| Labridae | | Cottidae | | |
| <i>Labroides dimidiatus</i> | 806677 | <i>Cottus gobio</i> | 805199 | |
| | 806681 | <i>Cottus poecilopus</i> | 805199 | |
| Reptilia | | Cyprinidae | | |
| Pomacentridae | | <i>Barbus natalensis</i> | 806780 | |
| <i>Abudefduf troscheli</i> | 807607 | <i>Labco rubromaculatus</i> | 806780 | |
| Poisonous as food | | Experimental analysis | | |
| Egg | | Acanthuridae | | |
| Amphibia | | <i>Acanthurus triostegus</i> | 804921 | |
| Gasterosteidae | | Descriptive evolution | | |
| <i>Gasterosteus aculeatus</i> | 804439 | Blenniidae | | |
| Salmonidae | | <i>Hypsoblennius</i> | 803625 | |
| <i>Salmo clarki</i> | 804439 | Change with age | | |
| Protective behavior | | Serranidae | | |
| Pomadasysidae | | <i>Epinephelus morio</i> | 806260 | |
| <i>Orthostoechus maculicauda</i> | 808465 | Experimental analysis | | |
| Congridae | | Acanthuridae | | |
| <i>Taenioconger</i> | 808465 | <i>Acanthurus triostegus</i> | 806145 | |
| Characidae | | Temperature | | |
| <i>Alestes imber</i> | 809052 | Teleostei | 807042 | |
| Breathing | | | 808926 | |
| Pleuronectidae | | Salinity | | |
| <i>Pleuronectes platessa</i> | 805864 | Developing egg | | |
| Cyprinidae | | Teleostei | 809066 | |
| <i>Cyprinus carpio</i> | 804188 | Larva | | |
| | 804189 | Teleostei | 809066 | |
| | 804190 | Reproduction | | |
| Ictaluridae | | Salmonidae | | |
| <i>Ictalurus</i> | 804112 | <i>Oncorhynchus gorbusha</i> | 806644 | |
| Muscles | | <i>Oncorhynchus keta</i> | 806644 | |
| Function | | Experimental analysis | | |
| Anabantidae | | Teleostei | 809079 | |
| <i>Anabas testudineus</i> | 808789 | | | |

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| Behavior (continued) | Egg laying | | Triglidae | 806327 |
| | Experimental analysis | | Cyprinodontidae | |
| | Teleostei | 809079 | <i>Fundulus kansae</i> | 807583 |
| Self-protection | Nest construction | | Congridae | |
| | Pomacentridae | 806976 | <i>Gorgasia sillneri</i> | 804854 |
| | Background selection | | <i>Taenioconger hassi</i> | 804854 |
| | Temperature | | Cyprinidae | |
| | Experimental analysis | | <i>Hybopsis xpunctata</i> | 806821 |
| | Poeciliidae | | Gadidae | |
| | <i>Gambusia affinis</i> | 807179 | <i>Melanogrammus aeglefinus</i> | 806327 |
| | Circadian rhythms | | Synodontidae | |
| | Poeciliidae | | <i>Synodus lucioceps</i> | 807188 |
| | <i>Gambusia affinis</i> | 807179 | Salmonidae | |
| Hiding | Serranidae | | <i>Oncorhynchus</i> | 804979 |
| | <i>Paralabrax clathratus</i> | | Experimental analysis | |
| | Gobiosociformes | 807229 | Teleostei | 804628 |
| | <i>Dellichthys morelandi</i> | 804277 | Sound reception | |
| | Synodontidae | | Gadidae | |
| | <i>Synodus lucioceps</i> | 807188 | <i>Gadus morhua</i> | 807901 |
| | Experimental analysis | | <i>Merlangius merlangus</i> | 806334 |
| | Anguillidae | | Visual senses | |
| | <i>Anguilla anguilla</i> | 805528 | Ammodytidae | |
| | Juvenile | | Ammodytes | 806348 |
| Experimental analysis | Centrarchidae | | Scombridae | |
| | <i>Micropterus dolomieu</i> | 807339 | <i>Scomber scombrus</i> | 806348 |
| | Effects of experience | | Clupeidae | |
| | Experimental analysis | | <i>Clupea harengus</i> | 806348 |
| | Poeciliidae | | Gadidae | 806348 |
| | <i>Gambusia affinis</i> | 809043 | Young | |
| | Shelter construction | | Soleidae | |
| | Teleostei | 805021 | <i>Solea solea</i> | 806324 |
| | Gobiidae | | Geographic variation | |
| | <i>Boleophthalmus dussumierei</i> | 805721 | Experimental analysis | |
| Branchiostegidae | <i>Periophthalmus</i> | 805534 | Gasterosteidae | |
| | <i>Malacanthus latovittatus</i> | 804262 | <i>Gasterosteus aculeatus</i> | 807543 |
| | Congridae | | Young | |
| | <i>Gorgasia sillneri</i> | 804854 | Gasterosteidae | 807543 |
| | <i>Taenioconger hassi</i> | 804854 | Light | |
| | Mormyridae | | Experimental analysis | |
| | <i>Marcusenius grahami</i> | 808972 | Salmonidae | |
| | <i>Petrocephalus catostoma</i> | 808972 | <i>Salmo gairdneri</i> | 807545 |
| | Mucus envelope | | Water pressure | |
| | Labridae | | Cichlidae | |
| Avoidance responses | <i>Bodianus diplotaenia</i> | 808465 | <i>Cichlasoma biocellatum</i> | 807737 |
| | Elasmobranchii | 806335 | Percidae | |
| | Rajidae | | <i>Gymnocephalus cernua</i> | 807737 |
| | <i>Raja</i> | 806337 | Callichthyidae | |
| | Torpedinidae | | <i>Corydoras paleatus</i> | 807737 |
| | <i>Torpedo californica</i> | 807188 | Circadian rhythms | |
| | Rhincodontidae | | Experimental analysis | |
| | <i>Rhincodon typus</i> | 806007 | Poeciliidae | |
| | Scyliorhinidae | | <i>Gambusia affinis</i> | 806275 |
| | <i>Cephaloscyllium ventriosum</i> | 807188 | Behavioral habituation | |
| Teleostei | Siganidae | 806335 | Salmonidae | |
| | Gobiidae | 805401 | <i>Oncorhynchus keta</i> | 807669 |
| | <i>Gobius fluviatilis</i> | 806345 | Trawling | |
| | <i>Gobius melanostomus</i> | 806345 | Dasyatidae | |
| | <i>Silhouettea</i> | 804049 | <i>Dasyatis sayi</i> | 807764 |
| | Mugiloidae | | Carangidae | |
| | <i>Rhinomugil corsula</i> | 806902 | <i>Decapterus punctatus</i> | 807764 |
| | Carangidae | | Mulidae | |
| | <i>Trachurus</i> | 806337 | <i>Mulloidichthys martinicus</i> | 807764 |
| | <i>Trachurus japonicus</i> | 806332 | Pomadasysidae | 807764 |
| Centrarchidae | Lepomis | 806940 | Sparidae | |
| | Cichlidae | | <i>Calamus bajonado</i> | 807764 |
| | <i>Tilapia mossambica</i> | 804049 | Scombridae | |
| | Percidae | | <i>Scomber scombrus</i> | 807070 |
| | <i>Etheostoma flabellare</i> | 806821 | <i>Scomberomorus maculatus</i> | 807764 |
| | Pomacentridae | | Sphyraenoidae | |
| | <i>Dascyllus aruanus</i> | 805401 | <i>Sphyraena guachancho</i> | 807764 |
| | Serranidae | | Bothidae | |
| | <i>Epinephelus</i> | 806337 | <i>Syacium micrum</i> | 807764 |
| | <i>Epinephelus merra</i> | 805401 | Pleuronectidae | |
| Scombridae | <i>Paralabrax clathratus</i> | 807229 | <i>Hippoglossoides platessoides</i> | 806317 |
| | <i>Paralabrax nebulifer</i> | 807188 | <i>Pseudopleuronectes americanus</i> | 806317 |
| | <i>Scomber scombrus</i> | 806327 | Scorpaenidae | |
| | <i>Scombrus</i> | 806337 | <i>Sebastes marinus</i> | 807070 |
| | Sphyraenoidae | | Clupeidae | |
| | <i>Sphyraena barracuda</i> | 807205 | <i>Clupea harengus</i> | 806316 |
| | Pleuronectidae | 804979 | <i>Sardina pilchardus</i> | 806316 |
| | <i>Limanda limanda</i> | 806327 | <i>Sardinella anchovia</i> | 807764 |
| | <i>Pleuronectes</i> | 806337 | <i>Sprattus sprattus</i> | 807070 |
| | <i>Pleuronectes platessa</i> | 806327 | Gadidae | |
| Scorpaenidae | <i>Scorpaena guttata</i> | 804274 | <i>Gadus morhua</i> | 806317 |
| | | 807188 | <i>Melanogrammus aeglefinus</i> | 806317 |
| | | | Circadian rhythms | |
| | | | Clupeidae | |
| | | | <i>Clupea harengus</i> | 807070 |
| | | | Seasonal changes | |
| | | | Clupeidae | |
| | | | <i>Clupea harengus</i> | 807070 |
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| Angling | | <i>Tilapia variabilis</i> | 804920 | Behavior |
| Inheritance | | | 808834 | (continued) |
| Cyprinidae | | <i>Tropheus moorei</i> | 805415 | |
| <i>Cyprinus carpio</i> | 809058 | | 804919 | Social behavior |
| Captive vs natural fishes | | Pomacentridae | | |
| Gobiidae | | Serranidae | | |
| <i>Periophthalmus</i> | 805534 | <i>Paralabrax clathratus</i> | 807229 | |
| Gillnetting | | Opistognathidae | | |
| Salmonidae | | <i>Opistognathus aurifrons</i> | 807245 | |
| <i>Oncorhynchus gorbuscha</i> | 807429 | Cottidae | | |
| <i>Oncorhynchus nerka</i> | 807429 | <i>Myoxocephalus quadricornis</i> | 806258 | |
| Deceptive actions | | Scorpaenidae | | |
| Serranidae | | <i>Taenianotus triacanthus</i> | 807950 | |
| <i>Paralabrax clathratus</i> | 807229 | Balistidae | | |
| Warning display | | <i>Melichthys niger</i> | 805996 | |
| Function | | Cyprinodontidae | | |
| Descriptive evolution | | <i>Cyprinodon atrotus</i> | 804951 | |
| Gasterosteidae | | | 805725 | |
| <i>Culaea inconstans</i> | 804879 | <i>Cyprinodon elegans</i> | 804947 | |
| Sound production | | Poeciliidae | | |
| Cottidae | | <i>Poecilia</i> | 806142 | |
| <i>Myoxocephalus quadricornis</i> | 806258 | Congridae | | |
| Defensive spines | | <i>Gorgasia sillneri</i> | 804854 | |
| Function | | Muraenidae | | |
| Scorpaenidae | | <i>Gymnothorax mordax</i> | 808137 | |
| <i>Scorpaena guttata</i> | 804274 | Ictaluridae | | |
| Doradidae | | <i>Ictalurus natalis</i> | 806984 | |
| <i>Hassar orestis</i> | 804731 | Mormyridae | 808972 | |
| Poisons liberated into water | | Salmonidae | | |
| Teleostei | 809085 | <i>Salmo gairdneri</i> | 806019 | |
| Serranidae | | | 806252 | |
| <i>Diploprion bifasciatum</i> | 807241 | <i>Salmo trutta</i> | 806252 | |
| Ostraciidae | | Experimental analysis | | |
| <i>Ostracion lentiginosus</i> | 804245 | Teleostei | 806563 | |
| Lethal environmental limits | | Cichlidae | | |
| Experimental analysis | | <i>Tilapia mariae</i> | 804623 | |
| Teleostei | 807595 | Poeciliidae | | |
| Ostraciidae | 807595 | <i>Xiphophorus helleri X</i> | | |
| Social behavior | | <i>Xiphophorus maculatus X</i> | 806897 | |
| Captive vs natural fishes | | Apterodontidae | | |
| Salmonidae | | <i>Apterodontus</i> | 805480 | |
| <i>Salvelinus fontinalis</i> | 808515 | Rhampichthyidae | | |
| Species recognition | | <i>Steatogenys</i> | 805480 | |
| Gasterosteidae | | Availability and use of food | | |
| <i>Gasterosteus aculeatus</i> | 806144 | Salmonidae | | |
| | 806147 | <i>Salmo salar</i> | 806025 | |
| Percidae | | Effect on fish | | |
| <i>Perca flavescens</i> | 807446 | Rate of growth | | |
| Cyprinidae | | Sparidae | | |
| <i>Notropis hudsonius</i> | 807446 | <i>Chrysophrys major</i> | 805345 | |
| <i>Ptychocheilus oregonensis</i> | 807786 | Infraspecific variation | | |
| Courtship | | Sparidae | | |
| Gasterosteidae | | <i>Chrysophrys major</i> | 805345 | |
| <i>Gasterosteus aculeatus</i> | 807473 | Coloration | | |
| <i>Gasterosteus wheatlandi</i> | 807473 | Experimental analysis | | |
| Multiple choice testing | | Cichlidae | | |
| Experimental analysis | | <i>Haplochromis burtoni</i> | 804841 | |
| Poeciliidae | | <i>Tilapia melanotheron</i> | 806281 | |
| <i>Xiphophorus helleri</i> | 808326 | Gonadotropin | | |
| <i>Xiphophorus maculatus</i> | 808326 | Experimental analysis | | |
| Aggressive behavior | | Teleostei | 809079 | |
| Carcharhinidae | | Proctactin | | |
| <i>Carcharhinus</i> | 807208 | Experimental analysis | | |
| Isuridae | | Teleostei | 809079 | |
| <i>Carcharodon carcharias</i> | 807208 | Adrenaline | | |
| Sphyrnidae | | Experimental analysis | | |
| <i>Sphyrna lewini</i> | 807208 | Belontiidae | | |
| <i>Sphyrna mokarran</i> | 807208 | <i>Betta splendens</i> | 806981 | |
| Teleostei | 805021 | Noradrenaline | | |
| | 806529 | Experimental analysis | | |
| Gasterosteidae | | Belontiidae | | |
| <i>Culaea inconstans</i> | 804879 | <i>Betta splendens</i> | 806980 | |
| Helostomatidae | | | 806981 | |
| <i>Helostoma temminckii</i> | 806601 | Testis | | |
| Blenniidae | | Experimental analysis | | |
| <i>Blennius fluviatilis</i> | 805021 | Salmonidae | | |
| <i>Hypsoblennius</i> | 803625 | <i>Oncorhynchus nerka</i> | 807414 | |
| Gobiidae | 806057 | Androgens | | |
| <i>Gillichthys mirabilis</i> | 808137 | Experimental analysis | | |
| Labridae | 806486 | Centrarchidae | | |
| Cichlidae | | <i>Lepomis gibbosus</i> | 806248 | |
| <i>Cichlasoma</i> | 808843 | <i>Lepomis megalotis</i> | 806248 | |
| <i>Etioplos maculatus</i> | 805021 | Fry | | |
| <i>Geophagus brasiliensis</i> | 805021 | Experimental analysis | | |
| <i>Tilapia galilaea</i> | 804920 | Salmonidae | | |
| | 808818 | <i>Oncorhynchus kisutch</i> | 807342 | |
| <i>Tilapia guineensis</i> | 804920 | Change with age | | |
| <i>Tilapia mariae</i> | 804920 | Pomacentridae | | |
| <i>Tilapia mossambica</i> | 806116 | <i>Pomacentrus jenkinsi</i> | 805106 | |
| <i>Tilapia multifasciata</i> | 808820 | Inheritance | | |
| | 808821 | Sex chromosomes | | |
| <i>Tilapia nilotica</i> | 808841 | Oryziatidae | | |
| <i>Tilapia tholloni</i> | 805862 | <i>Oryzias latipes</i> | 806247 | |

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|---------------------------------------|-----------------------------------|--------|-----------------------------------|--------|
| Behavior (continued) | Living space | | Ictaluridae | |
| | Experimental analysis | | <i>Ictalurus natalis</i> | 806984 |
| | Centrarchidae | | Mormyridae | 808972 |
| Social behavior | <i>Lepomis gibbosus</i> | 806248 | Salmonidae | 806016 |
| | <i>Lepomis megalotis</i> | 806248 | <i>Oncorhynchus nerka</i> | 806018 |
| | Cichlidae | | <i>Salmo gairdneri</i> | 806019 |
| | <i>Cichlasoma</i> | 807057 | | 806252 |
| | Activity patterns | | <i>Salmo trutta</i> | 806252 |
| | Experimental analysis | | | 806254 |
| | Cichlidae | | <i>Salvelinus alpinus</i> | 806254 |
| | <i>Cichlasoma</i> | 807057 | Function | |
| | Species recognition | | Descriptive evolution | |
| | Helostomatidae | | Cyprinodontidae | |
| | <i>Helostoma temminckii</i> | 805592 | <i>Cyprinodon</i> | 804951 |
| | Group behavior | | Larva | |
| | Pomacentridae | | Salmonidae | |
| | <i>Chromis punctipinnis</i> | 807188 | <i>Oncorhynchus kisutch</i> | 806021 |
| | Reproduction | | Change with age | |
| | Experimental analysis | | Pomacentridae | |
| | Cichlidae | | <i>Pomacentrus jenkinsi</i> | 805106 |
| | <i>Etroplus maculatus</i> | 805107 | Captive vs natural fishes | |
| | Courtship | | Salmonidae | |
| | Experimental analysis | | <i>Salvelinus fontinalis</i> | 808515 |
| | Cichlidae | | Aggressive display | |
| | <i>Etroplus maculatus</i> | 809014 | Belontiidae | |
| | Effects of isolation | | <i>Trichopsis vittatus</i> | 803810 |
| | Experimental analysis | | Gobiidae | |
| | Gasterosteidae | | <i>Periophthalmus koelreuteri</i> | 808959 |
| | <i>Gasterosteus aculeatus</i> | 806146 | Cichlidae | |
| | Visual signals | | <i>Tilapia multifasciata</i> | 808820 |
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| | <i>Periophthalmus koelreuteri</i> | 808959 | <i>Girardinus falcatus</i> | 803859 |
| | | 808961 | Function | |
| | Experimental analysis | | Percidae | |
| | Gasterosteidae | | <i>Percina notogramma</i> | 807600 |
| | <i>Gasterosteus aculeatus</i> | 808956 | <i>Percina peltata</i> | 807600 |
| | Effects of experience | | Descriptive evolution | |
| | Experimental analysis | | Percidae | |
| | Belontiidae | | <i>Percina notogramma</i> | 807600 |
| | <i>Betta splendens</i> | 806980 | <i>Percina peltata</i> | 807600 |
| | Learned vs unlearned behavior | | Electric organs | |
| | Experimental analysis | | Gymnoidae | |
| | Belontiidae | | <i>Gymnotus carapo</i> | 809042 |
| | <i>Betta splendens</i> | 807052 | Group behavior | |
| | Behavioral habituation | | Cyprinodontidae | |
| | Experimental analysis | | <i>Epiplatys bifasciatus</i> | 808275 |
| | Gasterosteidae | | Pavlovian conditioning | |
| | <i>Gasterosteus aculeatus</i> | 806144 | Experimental analysis | |
| | | 806147 | Belontiidae | |
| | Belontiidae | | <i>Betta splendens</i> | 807052 |
| | <i>Betta splendens</i> | 808320 | Avoidance conditioning | |
| | | 808325 | Mirror image | |
| | Attacks on man | | Experimental analysis | |
| | Squalomorpha | 808904 | Belontiidae | |
| | | | <i>Betta splendens</i> | 808322 |
| Territoriality | Gasterosteidae | | Instrumental conditioning | |
| | <i>Gasterosteus wheatlandi</i> | 807473 | Experimental analysis | |
| | Anabantidae | | Belontiidae | |
| | <i>Ctenopoma damasi</i> | 808979 | <i>Betta splendens</i> | 806526 |
| | Blenniidae | | Behavioral habituation | |
| | <i>Runula azalea</i> | 808465 | Experimental analysis | |
| | Chaenopsidae | | Belontiidae | |
| | <i>Chaenopsis slepidota</i> | 808465 | <i>Betta splendens</i> | 808470 |
| | Gobiidae | | Mirror vs live fish | |
| | <i>Periophthalmus koelreuteri</i> | 806370 | Behavioral habituation | |
| | | 808961 | Experimental analysis | |
| | Chaetodontidae | | Belontiidae | |
| | <i>Chelmon rostratus</i> | 805401 | <i>Betta splendens</i> | 808325 |
| | Cichlidae | | Fighting | |
| | <i>Cichlasoma meeki</i> | 807056 | Cichlidae | |
| | <i>Haplochromis burtoni</i> | 804841 | <i>Etroplus maculatus</i> | 805107 |
| | <i>Pseudotropheus auratus</i> | 806134 | <i>Pelmatochromis annectens</i> | 808817 |
| | <i>Pseudotropheus zebra</i> | 806134 | <i>Tilapia guineensis</i> | 808819 |
| | <i>Tilapia tholloni</i> | 805862 | <i>Tilapia zilli</i> | 803917 |
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| | <i>Etheostoma varietum</i> | 804100 | <i>Galaxias postvectis</i> | 804508 |
| | Pomacentridae | | Effect on fish | |
| | | 804919 | Incidence of infection | |
| | Serranidae | | Blenniidae | |
| | <i>Epinephelus itajara</i> | 807245 | <i>Hypsoblennius jenkinsi</i> | 807626 |
| | Cyprinodontidae | | Clinidae | |
| | <i>Cyprinodon atrorus</i> | 805725 | <i>Acanthemblemaria crockeri</i> | 807626 |
| | <i>Cyprinodon elegans</i> | 804947 | Lymphocystis disease | |
| | Poeciliidae | | Blenniidae | |
| | <i>Xiphophorus helleri</i> X | | <i>Hypsoblennius jenkinsi</i> | 807626 |
| | <i>Xiphophorus maculatus</i> X | 806897 | Clinidae | |
| | Muraenidae | | <i>Acanthemblemaria crockeri</i> | 807626 |
| | Ichthyoboridae | | Cannibalism | |
| | <i>Phago loricatus</i> | 809052 | Semionotomorpha | 804827 |
| | Cyprinidae | | Syngnathidae | |
| | <i>Barbus titteya</i> | 806059 | <i>Syngnathus scovelli</i> | 807017 |
| | Gymnoidae | | Gobiidae | 806634 |
| | <i>Gymnotus carapo</i> | 809042 | | |

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|-------------------------------------|--------|-----------------------------------|--------|-----------------|
| Centrarchidae | | Scorpaenidae | | Behavior |
| <i>Micropterus salmoides</i> | 805702 | <i>Scomberomorus cavalla</i> | 805995 | (continued) |
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| Centropomidae | | | | |
| <i>Lates niloticus</i> | 808975 | <i>Pterois volitans</i> | 806781 | |
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| <i>Haplochromis dolichorhynchus</i> | 806349 | <i>Sufflamen albicaudatus</i> | 806781 | Social behavior |
| Coryphaenidae | | Atherinidae | | |
| <i>Coryphaena hippurus</i> | 805449 | <i>Allanetta alba</i> | 806781 | |
| Percidae | | <i>Pranesus pinguis</i> | 806781 | |
| <i>Perca</i> | 808503 | Chemical senses | | |
| <i>Perca flavescens</i> | 807446 | Experimental analysis | | |
| <i>Perca fluviatilis</i> | 807718 | Ictaluridae | | |
| <i>Stizostedion canadense</i> | 804525 | <i>Ictalurus natalis</i> | 807317 | |
| <i>Stizostedion luciopectus</i> | 805805 | Visual senses | | |
| <i>Stizostedion vitreum</i> | 807178 | Experimental analysis | | |
| Serranidae | | Gasterosteidae | | |
| <i>Morone mississippiensis</i> | 809041 | <i>Gasterosteus aculeatus</i> | 808412 | |
| <i>Mycteroperca rosacea</i> | 808465 | Characidae | | |
| Trichiuridae | | <i>Astyanax jordani</i> | 808412 | |
| <i>Lepidopus caudatus</i> | 808130 | <i>Hemigrammus caudovittatus</i> | 808412 | |
| Xiphidae | | Cyprinidae | | |
| <i>Xiphias gladius</i> | 807692 | <i>Phoxinus phoxinus</i> | 808412 | |
| Cottidae | | Lotic waters | | |
| <i>Cottus beldingi</i> | 808721 | Teleostei | 807434 | |
| Cyclopteridae | | Orientation and locomotion | | |
| <i>Liparis pulchellus</i> | 807635 | Poeciliidae | | |
| Anguillidae | | <i>Poecilia reticulata</i> | 807310 | |
| <i>Anguilla anguilla</i> | 806449 | Feeding | | |
| Characidae | | Labridae | | |
| <i>Astyanax mexicanus</i> | 808503 | <i>Coris julis</i> | 805638 | |
| <i>Serrasalminus rhombus</i> | 805873 | <i>Crenilabrus</i> | 805638 | |
| Carapidae | | Mullidae | | |
| <i>Carapus bermudensis</i> | 807589 | <i>Mullus surmuletus</i> | 805638 | |
| Gadidae | | Sparidae | | |
| <i>Gadus morhua</i> | 807421 | <i>Dentex</i> | 805638 | |
| <i>Lota lota</i> | 806834 | <i>Diplodus vulgaris</i> | 805638 | |
| <i>Melanogrammus aeglefinus</i> | 807421 | Soleidae | | |
| Amblyopsidae | | <i>Monochirus hispidus</i> | 805638 | |
| <i>Chologaster agassizi</i> | 804436 | Gadidae | | |
| Esocidae | | <i>Gadus morhua</i> | 807373 | |
| <i>Esox lucius</i> | 804524 | Avoidance responses | | |
| | 806131 | Experimental analysis | | |
| | 809038 | Teleostei | 804628 | |
| Alepisauridae | | Reproduction | | |
| <i>Alepisaurus</i> | 807697 | Serranidae | | |
| <i>Alepisaurus ferox</i> | 806067 | <i>Paralabrax nebulifer</i> | 807188 | |
| Osmeridae | | Maze learning | | |
| <i>Osmerus eperlanus</i> | 807687 | Experimental analysis | | |
| <i>Osmerus mordax</i> | 805541 | Cyprinidae | | |
| | 807862 | <i>Barbus conchoniis</i> | 808163 | |
| Salmonidae | | <i>Carassius auratus</i> | 808163 | |
| <i>Salvelinus fontinalis</i> | 806030 | Aggregating behavior | | |
| Egg | | Syngnathidae | | |
| Gasterosteidae | | <i>Syngnathus scovelli</i> | 807017 | |
| <i>Gasterosteus aculeatus</i> | 807256 | Labridae | | |
| Cottidae | | <i>Halichoeres dispilus</i> | 808465 | |
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| Salmonidae | | <i>Thalassoma lucasanum</i> | 808465 | |
| <i>Coregonus clupeoides</i> | 803672 | Chaetodontidae | | |
| Developing egg | | <i>Hentiochus nigrirostris</i> | 808465 | |
| Salmonidae | | Percidae | | |
| <i>Prosopium cylindraceum</i> | 807774 | <i>Perca flavescens</i> | 807446 | |
| Fry | | <i>Percina notogramma</i> | 807600 | |
| <i>Sparidae</i> | | <i>Percina peltata</i> | 807600 | |
| <i>Chrysophrys major</i> | 805345 | Pomacentridae | | |
| Schreckstoffe | | <i>Abudefduf troscheli</i> | 808465 | |
| Experimental analysis | | Serranidae | | |
| Cyprinidae | | <i>Anthias squamipinnis</i> | 805914 | |
| <i>Rutilus rutilus</i> | 806251 | Cyprinidae | | |
| Group behavior | | <i>Notropis hudsonius</i> | 807446 | |
| Carcharhinidae | | <i>Ptychocheilus oregonensis</i> | 807786 | |
| <i>Carcharhinus falciformis</i> | 805995 | Experimental analysis | | |
| Blenniidae | | Acanthuridae | | |
| <i>Ecsenius midas</i> | 805914 | <i>Acanthurus triostegus</i> | 804921 | |
| Labridae | | Fry | | |
| <i>Oxyulius californica</i> | 807188 | Centrarchidae | | |
| Carangidae | | <i>Lepomis macrochirus</i> | 803711 | |
| <i>Caranx ruber</i> | 805995 | Feeding | | |
| | 806003 | Scorpaenidae | | |
| <i>Elagatis bipinnulata</i> | 805995 | <i>Sebastes flavidus</i> | 807482 | |
| Chaetodontidae | 806781 | Schooling | | |
| Cichlidae | | Teleostei | 806340 | |
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| Embiotocidae | 806881 | <i>Mugil cephalus</i> | 804230 | |
| | 807188 | Carangidae | | |
| Lutjanidae | | <i>Decapterus punctatus</i> | 807764 | |
| <i>Lutjanus synagris</i> | 806004 | <i>Trachurus symmetricus</i> | 807188 | |
| Mullidae | 806781 | Cichlidae | | |
| Pomacentridae | | <i>Hemihaplochromis philander</i> | 804049 | |
| <i>Abudefduf saxatilis</i> | 806781 | Embiotocidae | | |
| Serranidae | | <i>Hyperprosopon argenteum</i> | 807188 | |
| <i>Anthias squamipinnis</i> | 805914 | <i>Phanerodon furcatus</i> | 807188 | |
| | 806781 | Lutjanidae | 804084 | |

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|-------------------------|----------------------------------|--------|--|-----------------------------------|--------|
| Behavior (continued) | Percidae | | | Spandae | |
| | <i>Perca flavescens</i> | 807446 | | <i>Sargus annularis</i> | 805535 |
| | <i>Perca fluviatilis</i> | 807718 | | Atherinidae | |
| | <i>Stizostedion lucioperca</i> | 807718 | | <i>Atherina mochon</i> | 805535 |
| Social behavior | Pomacentridae | 804919 | | Larva | |
| | <i>Chromis punctipinnis</i> | 807188 | | Teleostei | 809081 |
| | Serranidae | | | Fry | |
| | <i>Paralabrax clathratus</i> | 807188 | | Mugiloidae | |
| | Scombridae | 806782 | | <i>Mugil cephalus</i> | 807322 |
| | <i>Euthynnus pelamis</i> | 806460 | | <i>Mugil saliens</i> | 807322 |
| | | 806503 | | Cichlidae | |
| | <i>Scomber</i> | 804967 | | <i>Etroplus maculatus</i> | 806274 |
| | <i>Scomberomorus maculatus</i> | 807764 | | Salmonidae | |
| | <i>Thunnus</i> | 804318 | | <i>Oncorhynchus keta</i> | 806646 |
| | | 804319 | | Change with age | |
| | | 804967 | | Cichlidae | |
| | | 806503 | | <i>Etroplus maculatus</i> | 806148 |
| | <i>Thunnus alalunga</i> | 807189 | | Juvenile | |
| | <i>Thunnus albacares</i> | 807189 | | Pomacentridae | |
| | <i>Thunnus obesus</i> | 807189 | | <i>Abudefduf saxatilis</i> | 806976 |
| | <i>Thunnus thynnus</i> | 807189 | | Sex ratio | |
| | Sphyraenidae | | | Squalidae | |
| | <i>Sphyraena</i> | 806782 | | <i>Squalus acanthias</i> | 807903 |
| | Scorpaenidae | | | Emmelichthyidae | |
| | <i>Sebastes alatus</i> | 806341 | | <i>Maena smaris</i> | 807657 |
| | <i>Sebastes melanops</i> | 804979 | | Distribution within habitat | |
| | <i>Sebastes</i> | 804979 | | Teleostei | 804995 |
| | Atherinidae | | | Vertical distribution | |
| | <i>Menidia extensa</i> | 807835 | | Circadian rhythms | |
| | Exocoetidae | | | Salmonidae | |
| | <i>Cypselurus opisthopus</i> | 804120 | | <i>Oncorhynchus nerka</i> | 807800 |
| | | 805431 | | Light | |
| | Clupeidae | | | Experimental analysis | |
| | <i>Alosa pseudoharengus</i> | 804230 | | Teleostei | 807839 |
| | <i>Brevortia tyrannus</i> | 805075 | | Circadian rhythms | |
| | <i>Clupea harengus</i> | 806319 | | Merlucciidae | |
| | | 807070 | | <i>Merluccius productus</i> | 804988 |
| | | 808007 | | Light | |
| | <i>Sardina pilchardus</i> | 804980 | | Scombridae | |
| | <i>Sardinella anchovia</i> | 807764 | | <i>Euthynnus pelamis</i> | 807782 |
| | <i>Sardinella longiceps</i> | 807079 | | <i>Thunnus albacares</i> | 807782 |
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| | Catostomidae | | | Cheilodactylidae | |
| | <i>Carpoides carpio</i> | 807844 | | <i>Cheilodactylus macropterus</i> | 808363 |
| | Cyprinidae | | | Clupeidae | |
| | <i>Notropis hudsonius</i> | 807446 | | <i>Clupea harengus</i> | 806321 |
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| | <i>Micromesistius poulassou</i> | 808045 | | Hydrodynamics | 807719 |
| | Merlucciidae | | | Feeding | |
| | <i>Merluccius</i> | 804975 | | Scombridae | |
| | <i>Merluccius productus</i> | 808312 | | <i>Scomber japonicus</i> | 805422 |
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| | <i>Galaxias brevipinnis</i> | 804508 | | Teleostei | 806344 |
| | <i>Galaxias maculatus</i> | 804508 | | Experimental analysis | |
| | <i>Galaxias vulgaris</i> | 804508 | | Scombridae | |
| | Myctophidae | | | <i>Scomber japonicus</i> | 807282 |
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| | Osmeridae | | | Engraulidae | |
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| | Salmonidae | | | Intraspecific communication | |
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| | <i>Oncorhynchus keta</i> | 804218 | | Carangidae | |
| | Sternopychidae | 804915 | | <i>Trachurus symmetricus</i> | 806250 |
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| | Scombridae | | | Scombridae | |
| | <i>Euthynnus</i> | 808723 | | <i>Euthynnus pelamis</i> | 804891 |
| | <i>Thunnus</i> | 808723 | | Clupeidae | |
| | Function | | | <i>Opisthonema oglinum</i> | 804670 |
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| | Teleostei | 808465 | | Mullidae | |
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| | Exocoetidae | | | Cichlidae | |
| | <i>Hemiramphus sajori</i> | 805345 | | <i>Hemichromis fasciatus</i> | 808869 |
| | Muscular electrophysiology | | | <i>Tilapia zilli</i> | 808869 |
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| | Carangidae | | | Function | |
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| | Pomatomidae | | | <i>Runula azalea</i> | 807577 |
| | <i>Pomatomus saltatrix</i> | 805535 | | | |

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| Schooling | | Lutjanidae | | Behavior |
| Mammalia | | <i>Lutjanus griseus</i> | 808154 | (continued) |
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| <i>Euthynnus</i> | 808723 | <i>Suzostedion canadense</i> | 808795 | |
| <i>Thunnus</i> | 808723 | <i>Stizostedion vitreum</i> | 806787 | |
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| Scombridae | | <i>Haemulon plumieri</i> | 808154 | |
| <i>Euthynnus</i> | 808723 | Sciaenidae | 808154 | |
| <i>Thunnus</i> | 808723 | Serranidae | | |
| Pheromones | | <i>Centropristis striata</i> | 808154 | |
| Teleostei | 803716 | <i>Epinephelus morio</i> | 808154 | |
| Blenniidae | 803957 | <i>Morone chrysops</i> | 806159 | |
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| Ostariophysi | 803625 | | 806005 | |
| Ictaluridae | 805462 | <i>Mycteroperca microlepis</i> | 808154 | |
| <i>Ictalurus natalis</i> | | <i>Mycteroperca rosacea</i> | 808465 | |
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| Experimental analysis | | <i>Paralabrax nebulifer</i> | 807188 | |
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| Belontiidae | | <i>Archosargus probatocephalus</i> | 808154 | |
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| <i>Colisa lalia</i> | 804630 | <i>Sphyraena barracuda</i> | 808154 | |
| Blenniidae | | Pleuronectidae | | |
| <i>Hypsoblennius</i> | 808756 | <i>Hippoglossoides platessoides</i> | 807423 | |
| Sex recognition | | <i>Platichthys stellatus</i> | 806881 | |
| Experimental analysis | | Cottidae | 806057 | |
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| <i>Poecilia reticulata</i> | 805045 | Hexagrammidae | | |
| Schreckstoffe | | <i>Ophiodon elongatus</i> | 807188 | |
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| Ostariophysi | 808377 | <i>Scorpaena guttata</i> | 807188 | |
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| Experimental analysis | | <i>Abramis ballerus</i> | 806338 | |
| Cypripodontidae | | <i>Abramis brama</i> | 806338 | |
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| <i>Salmo ischchan</i> | 807682 | | 804830 | |
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| Salmonidae | | Serranidae | 806254 | |
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| Salmonidae | 805964 | Nose | | |
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| | 807135 | <i>Oncorhynchus kisutch</i> | 807476 | |
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| | <i>Oncorhynchus gorbuscha</i> | 806643 | <i>Oncorhynchus nerka</i> | 808376 |
| | <i>Oncorhynchus keta</i> | 806645 | Circadian rhythms | |
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| | | 807340 | <i>Salmo salar</i> | 806028 |
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| | Salmonidae | | Salmonidae | |
| | <i>Oncorhynchus keta</i> | 804119 | <i>Oncorhynchus tshawytscha</i> | 808657 |
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| Orientation and locomotion | | <i>Sardinia pilchardus</i> | 804980 | |
| Experimental analysis | | Gadidae | 804975 | |
| Salmonidae | | Merlucciidae | | |
| <i>Salmo clarki</i> | 807419 | <i>Merluccius</i> | 804975 | |
| Schooling | 807427 | Myctophidae | | |
| | | <i>Lamppanyctus mexicanus</i> | 804276 | |
| Spatial orientation | | Salmonidae | | |
| Experimental analysis | | <i>Oncorhynchus nerka</i> | 807800 | |
| Serranidae | | Larva | | |
| <i>Morone chrysops</i> | 807479 | Clupeidae | | |
| Home range and homing | | <i>Clupea harengus</i> | 806784 | |
| Catostomidae | | Hydrostatics | | |
| <i>Catostomus catostomus</i> | 807422 | Clupeidae | | |
| Marking and tagging | | <i>Clupea harengus</i> | 807474 | |
| Scorbridae | | Sound production | | |
| <i>Thunnus thynnus</i> | 808722 | Dasyatidae | | |
| Captive vs natural fishes | | <i>Dasyatis pastinaca</i> | 808753 | |
| Fry | | Rhincodontidae | | |
| Salmonidae | | <i>Rhincodon typus</i> | 806007 | |
| <i>Oncorhynchus masou</i> | 804953 | Squalidae | | |
| Computer analysis | | <i>Squalus acanthias</i> | 808753 | |
| Distribution within habitat | 807856 | Acipenseromorpha | | |
| Orientation and locomotion | 807856 | <i>Huso huso</i> | 808753 | |
| | | Teleostei | 806940 | |
| Marking and tagging | | Syngnathidae | | |
| Salmonidae | 807754 | <i>Syngnathus nigrolineatus</i> | 805535 | |
| <i>Oncorhynchus</i> | | Belontiidae | | |
| Calcium | | <i>Trichopsis vittatus</i> | 803810 | |
| Mineral content | | Blenniidae | | |
| Biochemistry | | <i>Blennius</i> | 805535 | |
| Salmonidae | | Labridae | | |
| <i>Salmo salar</i> | 808958 | <i>Crenilabrus griseus</i> | 805535 | |
| Neurosecretion | | <i>Crenilabrus tinca</i> | 805535 | |
| Thyroid stimulating hormone | | Carangidae | | |
| Acipenseromorpha | | <i>Trachurus trachurus</i> | 805535 | |
| <i>Acipenser gueldenstaedti</i> | 806292 | Cichlidae | 804217 | |
| Salmonidae | | <i>Tilapia</i> | 805670 | |
| <i>Oncorhynchus</i> | 806292 | Emmelichthyidae | | |
| <i>Salmo salar</i> | 806292 | <i>Maena smar</i> | 805535 | |
| Anadromy | | Mullidae | | |
| Sciaenidae | | <i>Mullus barbatus</i> | 805535 | |
| <i>Cynoscion macdonaldi</i> | 806000 | Pomatomidae | | |
| Effect on fish | | <i>Pomatomus saltatrix</i> | 805535 | |
| Ovarian cycles | | Sciaenidae | | |
| Petromyzontomorpha | | <i>Corvina umbra</i> | 805535 | |
| Petromyzon marinus | 805966 | Serranidae | | |
| Testicular cycles | | <i>Epinephelus itajara</i> | 807245 | |
| Petromyzontomorpha | | <i>Serranus scriba</i> | 805535 | |
| Petromyzon marinus | 805966 | Sparidae | | |
| Catadromy | | <i>Sargus annularis</i> | 805535 | |
| Mugiloidae | 808631 | Theraponidae | | |
| Anguillidae | | <i>Pelates quadrilineatus</i> | 807241 | |
| <i>Anguilla australis</i> | 804559 | <i>Therapon oxyrhynchus</i> | 807241 | |
| <i>Anguilla dieffenbachii</i> | 804559 | Scorpaenidae | | |
| Vertical migrations | | <i>Scorpaena porcus</i> | 805535 | |
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| Exocoetidae | | <i>Amblyrhynchotes hypselogeneion</i> | 806781 | |
| <i>Cypselurus opisthopus</i> | 804120 | Atherinidae | | |
| Clupeidae | | <i>Atherina mochon</i> | 805535 | |
| Myctophidae | 806736 | Mochokidae | | |
| Gadidae | | <i>Synodontis notatus</i> | 803602 | |
| <i>Theragra chalcogramma</i> | 807667 | Salmonidae | | |
| Myctophidae | 807517 | <i>Salmo clarki</i> | 807865 | |
| | 805093 | Swimming | | |
| <i>Centrobranchus nigroocellatus</i> | 806935 | Aural sensitivity and acuity | | |
| <i>Goniichthys coccoi</i> | 806662 | Scorbridae | | |
| Salmonidae | | <i>Euthynnus affinis</i> | 806346 | |
| <i>Oncorhynchus gorboscha</i> | 804218 | Warning display | | |
| <i>Oncorhynchus keta</i> | 804218 | Siluriformes | 804167 | |
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| <i>Astronesthes</i> | 806736 | Pomacentridae | | |
| <i>Astronesthes niger</i> | 806662 | <i>Pomacentrus partitus</i> | 806976 | |

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| Behavior (continued) | Sound analysis | | <i>Pelmatochromis thomasi</i> | 806487 |
| | Belontiidae | | <i>Pseudotropheus tropheops</i> | 806627 |
| Reproduction | <i>Trichopsis vittatus</i> | 803810 | <i>Pseudotropheus zebra</i> | 803789 |
| | Labridae | | <i>Pterophyllum</i> | 808870 |
| | <i>Crenilabrus griseus</i> | 805535 | <i>Symphysodon</i> | 805757 |
| | Carangidae | | | 804408 |
| | <i>Trachurus trachurus</i> | 805535 | | 805798 |
| | Emmelichthyidae | | | 803542 |
| | <i>Macra smaris</i> | 805535 | | 803792 |
| | Sciaenidae | | | 804265 |
| | <i>Corvina umbra</i> | 805535 | | 804499 |
| | Atherinidae | | <i>Tilapia leucosticta</i> | 804266 |
| | <i>Atherina mochon</i> | 805535 | Grammidae | |
| | Feeding | | <i>Gramma hemichrysos</i> | 804268 |
| | Teleostei | 808359 | Kyphosidae | |
| | | | <i>Girella nigricans</i> | 808137 |
| | Reproduction | | Nandidae | |
| | Petromyzontomorpha | | <i>Polycentrus schomburgki</i> | 805832 |
| | <i>Geotria australis</i> | 804901 | Percidae | |
| | <i>Lampetra planeri</i> | 803559 | <i>Stizostedion canadense</i> | 806166 |
| | Rhinobatidae | | <i>Stizostedion lucioperca</i> | 805446 |
| | <i>Rhinobatos productus</i> | 808137 | <i>Stizostedion vitreum</i> | 807178 |
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| | <i>Heterodontus francisci</i> | 808137 | <i>Amphiprion akallopisus</i> | 805006 |
| | Semionotomorpha | 804827 | <i>Amphiprion ephippium</i> | 805006 |
| | Teleostei | 806205 | <i>Dascyllus carneus</i> | 804023 |
| | Syngnathidae | | Sciaenidae | |
| | <i>Dunckerocampus</i> | 806596 | <i>Aplodinotus grunniens</i> | 806166 |
| | <i>Hippocampus kuda</i> | 803891 | | 808139 |
| | <i>Syngnathus pulchellus</i> | 803560 | Serranidae | |
| | <i>Syngnathus spicifer</i> | 805748 | <i>Morone chrysops</i> | 808139 |
| | | 805591 | Scombridae | |
| | Acanthuridae | 805748 | <i>Scomber japonicus</i> | 808143 |
| | Anabantidae | 805679 | Sphyraenidae | |
| | <i>Ctenopoma fasciolatum</i> | 803948 | <i>Sphyraena argentea</i> | 807190 |
| | Badidae | | Cottidae | |
| | <i>Badis badis</i> | 805845 | <i>Scorpaenichthys marmoratus</i> | 807190 |
| | Belontiidae | | Scorpaenidae | |
| | <i>Colisa chuna</i> | 803994 | <i>Scorpaena guttata</i> | 807190 |
| | | 803995 | <i>Sebastes</i> | 807190 |
| | <i>Ctenops vittatus</i> | 803637 | Atherinidae | |
| | <i>Macropodus cupanus</i> | 803889 | <i>Atherina boyeri</i> | 806418 |
| | <i>Malpulutta kreiseri</i> | 805829 | <i>Leuresthes tenuis</i> | 808137 |
| | <i>Trichogaster leeri</i> | 805850 | | 808707 |
| | <i>Trichogaster microlepis</i> | 804178 | Melanotaeniidae | |
| | | 805847 | <i>Melanotaenia maculloschi</i> | 805772 |
| | <i>Trichogaster trichopterus</i> | 804500 | <i>Pseudomugil signifer</i> | 803533 |
| | <i>Trichopsis schalleri</i> | 805742 | <i>Telmatherina ladiges</i> | 803636 |
| | Gobiidae | | Cyprinodontidae | |
| | <i>Brachygnathus xanthozonus</i> | 805769 | <i>Aphyosemion</i> | 808259 |
| | <i>Gobiomorphus basalis</i> | 804901 | <i>Aphyosemion bivittatum</i> | 804503 |
| | <i>Gobiomorphus huttoni</i> | 804901 | | 805584 |
| | <i>Philypnodon breviceps</i> | 804901 | <i>Aphyosemion bualanum</i> | 808261 |
| | <i>Typhlogobius californiensis</i> | 808137 | <i>Aphyosemion coeruleum</i> | 806490 |
| | Labridae | 806486 | <i>Aphyosemion exiguum</i> | 808261 |
| | Centrarchidae | | <i>Austrofundulus dolichopterus</i> | 806626 |
| | <i>Pomoxis annularis</i> | 806166 | <i>Austrofundulus transilis</i> | 808332 |
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| | <i>Gymnochanda filamentosa</i> | 803663 | | 804743 |
| | Cichlidae | 804217 | <i>Chriopeoides pengelleyi</i> | 805597 |
| | | 804845 | <i>Cynolebias nigripinnis</i> | 808269 |
| | <i>Aequidens awani</i> | 803791 | | 803703 |
| | <i>Aequidens curviceps</i> | 805007 | | 803887 |
| | <i>Aequidens itanyi</i> | 805826 | | 805595 |
| | <i>Aequidens latifrons</i> | 803564 | <i>Cynolebias whitei</i> | 805010 |
| | | 804179 | <i>Nothobranchius</i> | 808262 |
| | <i>Aequidens portalegrensis</i> | 805789 | <i>Nothobranchius guentheri</i> | 803680 |
| | <i>Apistogramma agassizi</i> | 804772 | <i>Nothobranchius kirkii</i> | 807076 |
| | <i>Apistogramma ramirezi</i> | 804176 | <i>Nothobranchius palmquisti</i> | 803551 |
| | | 805833 | | 803851 |
| | <i>Apistogramma reitzigi</i> | 804575 | <i>Rivulus beniensis</i> | 806670 |
| | <i>Apistogramma wickleri</i> | 803821 | <i>Rivulus miledi</i> | 803534 |
| | <i>Astronotus ocellatus</i> | 803922 | | 804021 |
| | <i>Boulengerochromis microlepis</i> | 804431 | Horacichthyidae | |
| | <i>Cichlasoma biocellatum</i> | 804844 | <i>Horacichthys setnai</i> | 805751 |
| | | 805590 | Oryziatidae | |
| | <i>Cichlasoma meeki</i> | 804255 | <i>Oryzias javanicus</i> | 804679 |
| | <i>Cichlasoma nigrofasciatum</i> | 804851 | <i>Oryzias minutillus</i> | 808267 |
| | <i>Crenicichla lepidota</i> | 804742 | Poeciliidae | |
| | <i>Cyathochromis obliquidens</i> | 805037 | <i>Xiphophorus</i> | 803507 |
| | <i>Geophagus jurupari</i> | 803849 | Exocoetidae | |
| | <i>Hemichromis fasciatus</i> | 805791 | <i>Cypselurus opisthopus</i> | 804120 |
| | <i>Heterotilapia multispinosa</i> | 805786 | <i>Dermogenys pusillus</i> | 804256 |
| | <i>Labetropheus trewavasae</i> | 804741 | Scomberesocidae | |
| | <i>Lamprologus congolensis</i> | 803635 | <i>Scomberesox saurus</i> | 805336 |
| | <i>Melanochromis</i> | 805037 | | 805337 |
| | <i>Nannochromis nudipectus</i> | 805835 | Clupeidae | |
| | <i>Pelmatochromis annectens</i> | 803604 | <i>Brevoortia tyrannus</i> | 805075 |
| | | 805596 | <i>Dorosoma cepedianum</i> | 808139 |
| | | 805836 | <i>Dorosoma petenense</i> | 808139 |
| | <i>Pelmatochromis aureocephalus</i> | 803508 | Engraulidae | |
| | <i>Pelmatochromis guentheri</i> | 804650 | <i>Cetengraulis mysticetus</i> | 808646 |
| | | | <i>Engraulis mordax</i> | 808313 |

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| Characidae | | Adenohypophysis | | Behavior |
| <i>Copeina guttata</i> | 803543 | Experimental analysis | | (continued) |
| | 805583 | Petromyzontomorpha | 806303 | |
| <i>Corynopoma riisei</i> | 803926 | Prolactin cell | | |
| <i>Gymnocorymbus ternetzi</i> | 803850 | Anguillidae | | |
| <i>Hyphessobrycon herbertaxelrodi</i> | 803833 | <i>Anguilla anguilla</i> | 806285 | Reproduction |
| <i>Hyphessobrycon innesi</i> | 803884 | Salmonidae | | |
| <i>Megalampodus megalopterus</i> | 804576 | <i>Oncorhynchus</i> | 806285 | |
| <i>Metynnis schreimueelleri</i> | 803790 | <i>Salmo salar</i> | 806285 | |
| | 803911 | Prolactin | | |
| <i>Nematobrycon palmeri</i> | 803502 | Myximomorpha | 806286 | |
| <i>Poecilocharax weitzmani</i> | 803681 | Petromyzontomorpha | 806286 | |
| <i>Serrasalmus</i> | 806598 | Elasmobranchii | 806286 | |
| <i>Serrasalmus rhombeus</i> | 805743 | Teleostei | 806286 | |
| Gasteropelecidae | 805873 | Viviparity | | |
| Hemiodontidae | 806090 | Seasonal changes | | |
| <i>Nannostomus beckfordi</i> | 805841 | Poeciliidae | | |
| Lebiastidae | | <i>Gambusia affinis</i> | 807179 | |
| <i>Poeciliobrycon eques</i> | 803638 | Sexual dimorphism | | |
| | 803660 | Cichlidae | | |
| Cobitidae | | <i>Tilapia</i> | 804623 | |
| <i>Acanthopthalmus semicinctus</i> | 803562 | Intertidal zone | | |
| <i>Cobitis aurata</i> | 807686 | Teleostei | 806057 | |
| Cyprinidae | 806041 | Lotic waters | | |
| | 808617 | Teleostei | 807434 | |
| <i>Barbus nigrofasciatus</i> | 803608 | Temperature | | |
| | 803920 | Habitat preference | | |
| <i>Brachydanio</i> | 804409 | Esocidae | | |
| <i>Brachydanio albolineatus</i> | 807119 | <i>Esox lucius</i> | 808025 | |
| <i>Brachydanio frankei</i> | 804168 | Geographic distribution | | |
| <i>Carassius auratus</i> | 803893 | Xiphidae | | |
| | 805740 | <i>Xiphias gladius</i> | 807919 | |
| <i>Laheo frenatus</i> | 803892 | Distribution | | |
| <i>Notropis</i> | 808619 | Elasmobranchii | 807756 | |
| <i>Notropis lutrensis</i> | 808139 | Teleostei | 807756 | |
| <i>Notropis venustus</i> | 808139 | Habitat preference | | |
| <i>Ptychocheilus oregonensis</i> | 806400 | Percidae | | |
| <i>Rasbora hengeli</i> | 805848 | <i>Percina notogramma</i> | 807600 | |
| <i>Rasbora heteromorpha</i> | 805848 | <i>Percina peltata</i> | 807600 | |
| <i>Rasbora kalochroma</i> | 804264 | Pleuronectidae | | |
| <i>Rasbora maculata</i> | 804018 | <i>Reinhardtius hippoglossoides</i> | 805083 | |
| <i>Rasbora urophthalma</i> | 804018 | Cyprinidae | | |
| <i>Rhodeus sericus</i> | 806488 | <i>Laheo gonius</i> | 806180 | |
| <i>Tanichthys albonubes</i> | 804409 | <i>Rutilus frisii</i> | 807742 | |
| | 805011 | Effects of experience | | |
| Bagridae | | Cichlidae | | |
| <i>Myrist vittatus</i> | 805846 | <i>Etroplus maculatus</i> | 805107 | |
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| <i>Corydoras schultzei</i> | 805827 | Sex recognition | | |
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| <i>Noturus funebris</i> | 807152 | <i>Gasterosteus aculeatus</i> | 806147 | |
| <i>Noturus miurus</i> | 807152 | Belontiidae | | |
| <i>Noturus stigmus</i> | 807152 | <i>Colisa labiosa</i> | 806371 | |
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| <i>Xenocara</i> | 804057 | <i>Periophthalmus koelreuteri</i> | 806370 | |
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| | 804846 | Experimental analysis | | |
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| <i>Amblyopsis</i> | 808771 | Pheromones | | |
| <i>Chologaster cornuta</i> | 808771 | Experimental analysis | | |
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| <i>Galaxias maculatus</i> | 804901 | <i>Poecilia reticulata</i> | 805045 | |
| <i>Galaxias vulgaris</i> | 804901 | Courtship | | |
| <i>Neochanna apoda</i> | 804508 | Gasterosteidae | | |
| Retropinnidae | 804901 | <i>Gasterosteus wheatlandi</i> | 807473 | |
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| <i>Osmerus mordax</i> | 808647 | <i>Ctenopoma muriei</i> | 808979 | |
| Salmonidae | 806035 | Blenniidae | 806057 | |
| <i>Coregonus peled</i> | 808241 | <i>Hypsoblennius</i> | 803625 | |
| <i>Oncorhynchus masou</i> | 807116 | Gobiidae | | |
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| Descriptive evolution | | <i>Periophthalmus chrysospilos</i> | 809057 | |
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| Polypteromorpha | 807013 | <i>Lepomis macrochirus</i> | 804762 | |
| Teleostei | 807013 | Cichlidae | | |
| Salmonidae | | <i>Etroplus maculatus</i> | 805107 | |
| <i>Salmo salar</i> | 806028 | <i>Haplochromis burtoni</i> | 808816 | |
| Adaptation | | <i>Pseudotropheus auratus</i> | 806134 | |
| Temperature | | <i>Pseudotropheus zebra</i> | 806134 | |
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| Salinity | | <i>Tilapia multifasciata</i> | 808821 | |
| Pleuronectidae | | <i>Tilapia tholloni</i> | 805862 | |
| <i>Platichthys flesus</i> | 807769 | <i>Tilapia variabilis</i> | 808823 | |
| Neuroendocrine environment reaction | | <i>Tilapia zilli</i> | 803917 | |
| Teleostei | 807290 | <i>Tropheus moorei</i> | 808825 | |
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| Behavior (continued) | Lujiangidae | | <i>Tilapia variabilis</i> | 804920 |
| | <i>Lujiangus synagris</i> | 806004 | | 808842 |
| | Percidae | | <i>Tilapia zilli</i> | 803917 |
| | <i>Etheostoma variatum</i> | 804100 | | 808826 |
| Reproduction | Pomacentridae | 804919 | <i>Tropheus moorei</i> | 805415 |
| | | 806977 | Lujiangidae | |
| | <i>Abudefduf saxatilis</i> | 806976 | <i>Lujiangus synagris</i> | 806004 |
| | Balistidae | | Percidae | |
| | <i>Melichthys niger</i> | 805996 | <i>Etheostoma variatum</i> | 804100 |
| | Cyprinodontidae | | <i>Perca flavescens</i> | 807637 |
| | <i>Cyprinodon atrorus</i> | 805725 | <i>Percina notogramma</i> | 807600 |
| | <i>Epiplatys bifasciatus</i> | 808275 | Pomacentridae | 804919 |
| | <i>Fundulus similis</i> | 803947 | <i>Abudefduf saxatilis</i> | 806976 |
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| | <i>Poecilia</i> | 806142 | <i>Mylio macrocephalus</i> | 805620 |
| | <i>Poecilia reticulata</i> | 805454 | <i>Pagrus major</i> | 805620 |
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| | Cyprinidae | | <i>Myoxocephalus quadricornis</i> | 806258 |
| | <i>Pychocheilus oregonensis</i> | 807786 | Cyprinodontidae | |
| | Mormyridae | | <i>Cyprinodon atrorus</i> | 805725 |
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| | <i>Gnathonemus victoriae</i> | 808972 | <i>Epiplatys bifasciatus</i> | 808275 |
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| | Experimental analysis | | <i>Girardinus falcatus</i> | 803859 |
| | Oryziatidae | | <i>Poecilia</i> | 806142 |
| | <i>Oryzias latipes</i> | 804260 | <i>Poecilia latipinna</i> | 805753 |
| | Coloration | | Congridae | |
| | Experimental analysis | | <i>Gorgasia sillneri</i> | 804854 |
| | Cichlidae | | Catostomidae | |
| | <i>Tilapia melanotheron</i> | 806281 | <i>Moxostoma carinatum</i> | 804165 |
| | Gonadotropin | | Cyprinidae | |
| | Experimental analysis | | <i>Barbus titteya</i> | 806059 |
| | Teleostei | 809079 | <i>Catla catla</i> | 805197 |
| | Androgens | | <i>Cirrhina mrigala</i> | 805197 |
| | Experimental analysis | | | 805607 |
| | Teleostei | 809079 | <i>Cyprinus carpio</i> | 807749 |
| | Seasonal sexual coloration | | <i>Labeo rohita</i> | 805197 |
| | Experimental analysis | | | 805607 |
| | Gasterosteidae | | <i>Pychocheilus oregonensis</i> | 807786 |
| | <i>Gasterosteus aculeatus</i> | 807543 | Callichthyidae | |
| | Inheritance | | <i>Corydoras paleatus</i> | 805414 |
| | Sex chromosomes | | Heteropneustidae | |
| | Oryziatidae | | <i>Heteropneustes fossilis</i> | 804903 |
| | <i>Oryzias latipes</i> | 806247 | Gadidae | 804975 |
| | Geographic variation | | Salmonidae | |
| | Gasterosteidae | | <i>Oncorhynchus nerka</i> | 806018 |
| | <i>Culaea inconstans</i> | 804880 | <i>Salmo gairdneri</i> | 806019 |
| | Experimental analysis | | <i>Salvelinus namaycush</i> | 808528 |
| | Gasterosteidae | | <i>Stenodus leucichthys</i> | 806835 |
| | <i>Gasterosteus aculeatus</i> | 807543 | Experimental analysis | |
| | Pheromones | | Atherinidae | |
| | Experimental analysis | | <i>Leuresthes tenuis</i> | 804785 |
| | Blenniidae | | Oryziatidae | |
| | <i>Hypsoblennius</i> | 808756 | <i>Oryzias latipes</i> | 804260 |
| | Visual signals | | Neuroendocrine substances | |
| | Cichlidae | | Experimental analysis | |
| | <i>Haplochromis burtoni</i> | 808501 | Teleostei | 809079 |
| | Characidae | | Adenohypophysis | |
| | <i>Corynopoma riisei</i> | 808501 | Experimental analysis | |
| | Relative size | | Cyprinidae | |
| | Aggressive behavior | | <i>Crassius auratus</i> | 807290 |
| | Experimental analysis | | Gonadotropin | |
| | Cichlidae | | Experimental analysis | |
| | <i>Etilopus maculatus</i> | 809014 | Poeciliidae | |
| | Mating | | <i>Poecilia reticulata</i> | 804487 |
| | Petromyzontomorph | | Estrogens | |
| | <i>Lampetra richardsoni</i> | 807550 | Experimental analysis | |
| | Gasterosteidae | | Teleostei | 809079 |
| | <i>Culaea inconstans</i> | 804880 | Poeciliidae | |
| | <i>Gasterosteus wheatlandi</i> | 807473 | <i>Poecilia reticulata</i> | 804487 |
| | Syngnathidae | | Androgens | |
| | <i>Syngnathus scovelli</i> | 807017 | Experimental analysis | |
| | Anabantidae | | Teleostei | 809079 |
| | <i>Ctenopoma damasi</i> | 808979 | Oryziatidae | |
| | <i>Ctenopoma muriei</i> | 808979 | <i>Oryzias latipes</i> | 804345 |
| | Centrarchidae | | Sex chromosomes | |
| | <i>Lepomis macrochirus</i> | 804762 | Experimental analysis | |
| | Cichlidae | | Oryziatidae | |
| | <i>Haplochromis burtoni</i> | 805021 | <i>Oryzias latipes</i> | 804345 |
| | <i>Pseudotropheus auratus</i> | 808816 | Activity patterns | |
| | <i>Pseudotropheus zebra</i> | 806134 | Poeciliidae | |
| | <i>Tilapia</i> | 806134 | <i>Gambusia affinis</i> | 804946 |
| | <i>Tilapia galilaea</i> | 804920 | Habitat preference | |
| | <i>Tilapia guineensis</i> | 808824 | Cyprinidae | |
| | <i>Tilapia macrochir</i> | 808832 | <i>Clinostomus funduloides</i> | 806871 |
| | | 805021 | <i>Notropis cornutus</i> | 806871 |
| | | 808828 | <i>Notropis rubellus</i> | 806871 |
| | <i>Tilapia multifasciata</i> | 808837 | Anesthetics | |
| | | 808838 | Experimental analysis | |
| | <i>Tilapia tholloni</i> | 805862 | Poeciliidae | |
| | | | <i>Poecilia reticulata</i> | 808562 |

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|-----------------------------------|--------|-----------------------------------|--------|--------------|
| egg laying | | Substratum | | Behavior |
| Scyliorhinidae | 808962 | Salmonidae | | (continued) |
| <i>Parmaturus xanthurus</i> | 807206 | <i>Oncorhynchus gorbusha</i> | 807729 | |
| <i>Scyliorhinus stellaris</i> | 805475 | <i>Oncorhynchus keta</i> | 807669 | |
| Gobiidae | | | 807729 | |
| <i>Gobius niger</i> | 805128 | Experimental analysis | | Reproduction |
| <i>Periophthalmus</i> | 809057 | Centrarchidae | | |
| Percidae | 806308 | <i>Lepomis macrochirus</i> | 804762 | |
| <i>Perca flavescens</i> | 807637 | Bacteria | | |
| <i>Perca fluviatilis</i> | 804420 | Biochemistry | | |
| <i>Stizostedion canadense</i> | 804525 | Belontiidae | | |
| Hexagrammidae | | <i>Betta splendens</i> | 807132 | |
| <i>Oxyechius pictus</i> | 807188 | Function | | |
| Oryziatidae | | Belontiidae | | |
| <i>Oryzias latipes</i> | 804260 | <i>Betta splendens</i> | 807132 | |
| Clupeidae | | Habitat preference | | |
| <i>Brevoortia patronus</i> | 807016 | Pomacentridae | | |
| <i>Clupea harengus</i> | 805981 | <i>Abudefduf saxatilis</i> | 804919 | |
| | 806555 | <i>Abudefduf taurus</i> | 804919 | |
| Cyprinidae | 806041 | Effects of isolation | | |
| <i>Cyprinus carpio</i> | 806308 | Experimental analysis | | |
| <i>Labo gonius</i> | 806180 | Gasterosteidae | | |
| <i>Leuciscus leuciscus</i> | 805972 | <i>Gasterosteus aculeatus</i> | 806146 | |
| <i>Vimba vimba</i> | 808249 | Parental care of eggs | | |
| Callichthyidae | | Teleostei | 809081 | |
| <i>Corydoras paleatus</i> | 805414 | Syngnathidae | | |
| Salmonidae | | <i>Syngnathus scovelli</i> | 807017 | |
| <i>Salvelinus fontinalis</i> | 807836 | Anabantidae | | |
| Experimental analysis | | <i>Ctenopoma damasi</i> | 808979 | |
| Cichlidae | | Belontiidae | | |
| <i>Cichlasoma nigrofasciatum</i> | 806915 | <i>Macropodus opercularis</i> | 805412 | |
| Habitat preference | | Anarichadidae | | |
| Clupeidae | | <i>Anarrhichthys ocellatus</i> | 806045 | |
| <i>Clupea harengus</i> | 808916 | Blenniidae | 806057 | |
| Marking and tagging | | Gobiidae | | |
| Experimental analysis | | <i>Coryphopterus nicholsi</i> | 807188 | |
| Salmonidae | | <i>Gobius niger</i> | 805128 | |
| <i>Oncorhynchus keta</i> | 808487 | Nototheniidae | | |
| ot construction | | <i>Notothenia cornucola</i> | 804902 | |
| etromyzontomorphs | | Centrarchidae | | |
| <i>Lampetra richardsoni</i> | 807550 | <i>Lepomis macrochirus</i> | 804762 | |
| Gasterosteidae | | Cichlidae | | |
| <i>Gasterosteus wheatlandi</i> | 807473 | <i>Cichlasoma festivum</i> | 804217 | |
| anabantidae | | <i>Hemichromis fasciatus</i> | 808869 | |
| <i>Ctenopoma damasi</i> | 808979 | <i>Tilapia</i> | 804920 | |
| Gobiidae | | <i>Tilapia guineensis</i> | 808827 | |
| <i>Boleophthalmus dussumieri</i> | 806721 | <i>Tilapia mariae</i> | 808833 | |
| <i>Periophthalmus</i> | 809057 | <i>Tilapia zilli</i> | 803917 | |
| Centrarchidae | | | 808829 | |
| <i>Lepomis macrochirus</i> | 805140 | | 808869 | |
| ichthyidae | | Pomacentridae | 804919 | |
| <i>Haplochromis burtoni</i> | 808816 | <i>Pomacentrus jenkinsi</i> | 805106 | |
| <i>Tilapia mossambica</i> | 804049 | Serranidae | | |
| | 806116 | <i>Percilia gillissi</i> | 804622 | |
| <i>Tilapia mossambica X</i> | | Cottidae | | |
| <i>Tilapia hornorum X</i> | 806125 | <i>Myoxocephalus quadricornis</i> | 806258 | |
| <i>Tilapia variabilis</i> | 808823 | Cyprinidae | | |
| mmelichthyidae | | <i>Barbus titteya</i> | 806059 | |
| <i>Maena smarid</i> | 807657 | Ictaluridae | | |
| omacentridae | 806977 | <i>Noturus miurus</i> | 807152 | |
| otidae | | <i>Noturus stigmosus</i> | 807152 | |
| <i>Myoxocephalus quadricornis</i> | 806258 | Biochemistry | | |
| atostomidae | | Bacteria | | |
| <i>Moostoma carinatum</i> | 804165 | Belontiidae | | |
| Malapteruriidae | | <i>Betta splendens</i> | 807132 | |
| <i>Malapterurus electricus</i> | 804806 | Fungi | | |
| <i>Malapterurus microstoma</i> | 804806 | Belontiidae | | |
| lormyridae | | <i>Betta splendens</i> | 807132 | |
| <i>Marcusenius grahami</i> | 808972 | Experimental analysis | | |
| <i>Petrocephalus catostoma</i> | 808972 | Cichlidae | | |
| almonidae | | <i>Tilapia mariae</i> | 804623 | |
| <i>Oncorhynchus gorbusha</i> | 806644 | Pomacentridae | 806976 | |
| <i>Oncorhynchus keta</i> | 806644 | <i>Abudefduf saxatilis</i> | | |
| <i>Oncorhynchus nerka</i> | 806018 | Prolactin | | |
| <i>Salmo gairdneri</i> | 806019 | Experimental analysis | | |
| <i>Salvelinus fontinalis</i> | 807836 | Teleostei | 809072 | |
| xperimental analysis | | | 809079 | |
| Cichlidae | | Androgens | | |
| <i>Tilapia mariae</i> | 804623 | Experimental analysis | | |
| onadotropin | | Teleostei | 809079 | |
| Experimental analysis | | Egg size | | |
| Teleostei | 809079 | Experimental analysis | | |
| rolactin | | Cichlidae | | |
| Experimental analysis | | <i>Cichlasoma nigrofasciatum</i> | 806915 | |
| Teleostei | 809079 | Fixed action patterns | | |
| strogens | | Blenniidae | | |
| Experimental analysis | | <i>Hypoblennius</i> | 803625 | |
| Teleostei | 809079 | Effects of experience | | |
| ndrogens | | Experimental analysis | | |
| Experimental analysis | | Cichlidae | | |
| Teleostei | 809079 | <i>Cichlasoma nigrofasciatum</i> | 806915 | |
| Centrarchidae | | Egg stealing | | |
| <i>Lepomis gibbosus</i> | 806248 | Gasterosteidae | | |
| <i>Lepomis megalotis</i> | 806248 | <i>Gasterosteus wheatlandi</i> | 807473 | |

| Behavior | Oral brooding | | Conditioned autonomic responses | |
|--------------------------------|-------------------------------------|--------|------------------------------------|--------|
| (continued) | Cichlidae | | Aural sensitivity and acuity | |
| | <i>Geophagus jurupari</i> | 805849 | Salmonidae | |
| | | 804217 | <i>Salmo clarki</i> | 807865 |
| | <i>Haplochromis burtoni</i> | 808816 | Avoidance conditioning | |
| | | 808840 | Characidae | |
| Behavior in experiments | <i>Haplochromis erythrocephalus</i> | 806349 | <i>Asynaptus jordani</i> | 806887 |
| | <i>Haplochromis piceatus</i> | 806349 | <i>Asynaptus mexicanus</i> | 806887 |
| | <i>Hemibaplochromis multicolor</i> | 804708 | Telencephalon | |
| | | 808850 | Experimental analysis | |
| | <i>Pseudotropheus auratus</i> | 804254 | Cyprinidae | |
| | | 806134 | <i>Carassius auratus</i> | 806186 |
| | <i>Pseudotropheus fuscus</i> | 806134 | | 806249 |
| | <i>Pseudotropheus tropheops</i> | 804254 | | 806276 |
| | | 805828 | | 809091 |
| | <i>Pseudotropheus zebra</i> | 806134 | Brain injury | |
| | <i>Tilapia galilaea</i> | 808824 | Cichlidae | |
| | | 808844 | <i>Tilapia melanotheron</i> | 809017 |
| | <i>Tilapia leucosticta</i> | 804266 | Cyprinidae | |
| | <i>Tilapia macrochir</i> | 808828 | <i>Carassius auratus</i> | 806186 |
| | <i>Tilapia mossambica</i> | 806116 | | 809018 |
| | | 807700 | Metencephalon | |
| | <i>Tilapia multifasciata</i> | 808858 | Brain injury | |
| | | 808859 | Cichlidae | |
| | <i>Tilapia nilotica</i> | 808921 | <i>Tilapia melanotheron</i> | 809017 |
| | | 808835 | Displacement detection | |
| | <i>Tilapia thawiensis</i> | 808862 | Lateral line | |
| | <i>Tilapia variabilis</i> | 808834 | Cyprinidae | |
| | | 808836 | <i>Carassius auratus</i> | 807040 |
| | | 808842 | Aural sensitivity and acuity | |
| | <i>Tropheus moorei</i> | 805415 | Ictaluridae | |
| | Amidae | | <i>Ictalurus nebulosus</i> | 804866 |
| | <i>Arius heudeloti</i> | 804552 | Partial reinforcement conditioning | |
| | Osteogasteridae | | Cyprinidae | |
| | <i>Scleropages leichardti</i> | 808905 | <i>Carassius auratus</i> | 804577 |
| Experimental analysis | | | Extinction of conditioned response | |
| Cichlidae | | | Cyprinidae | |
| <i>Tilapia nilotica</i> | 805682 | | <i>Carassius auratus</i> | 804577 |
| Descriptive evolution | | | Brain injury | |
| Cichlidae | | | Telencephalon | |
| <i>Tilapia galilaea</i> | 804431 | | Cichlidae | |
| <i>Tilapia melanotheron</i> | 805411 | | <i>Tilapia melanotheron</i> | 809028 |
| Sexual dimorphism | | | Metencephalon | |
| Descriptive evolution | | | Cichlidae | |
| Cichlidae | | | <i>Tilapia melanotheron</i> | 809028 |
| <i>Tilapia</i> | 804920 | | Effects of experience | |
| Speciation | | | Experimental analysis | |
| Cichlidae | 806006 | | Cyprinidae | |
| Vocal signals | | | <i>Carassius auratus</i> | 808323 |
| Cichlidae | 805801 | | | 808324 |
| Parental care of young | | | Instrumental conditioning | |
| Gasterosteidae | | | Carcharhinidae | |
| <i>Gasterosteus wheatlandi</i> | 807473 | | <i>Negaprion brevirostris</i> | 807208 |
| Belontiidae | | | Centrarchidae | |
| <i>Macropodus opercularis</i> | 805412 | | <i>Micropterus salmoides</i> | 806527 |
| Centrarchidae | | | Cichlidae | |
| <i>Lepomis macrochirus</i> | 804762 | | <i>Tilapia melanotheron</i> | 806545 |
| Cichlidae | | | Kyprinidae | |
| <i>Cichlasoma biocellatum</i> | 804444 | | <i>Monocanthus tomentosus</i> | 805669 |
| <i>Cichlasoma festuatum</i> | 804217 | | Oryziatidae | |
| <i>Etioplos maculatus</i> | 806148 | | <i>Oplegnathus fasciatus</i> | 805669 |
| <i>Pseudotropheus auratus</i> | 806134 | | Scombridae | |
| <i>Pseudotropheus zebra</i> | 806134 | | <i>Euthynnus affinis</i> | 806312 |
| <i>Tilapia</i> | 804217 | | <i>Euthynnus pelamis</i> | 806346 |
| <i>Tilapia guineensis</i> | 808835 | | <i>Thunnus albacares</i> | 806312 |
| <i>Tilapia mariae</i> | 808835 | | | 806312 |
| <i>Tilapia sparrmani</i> | 804444 | | Cyprinidae | |
| <i>Tilapia zillii</i> | 805801 | | <i>Carassius auratus</i> | |
| Biochemistry | | | | |
| Bacteria | | | | |
| Belontiidae | | | | |
| <i>Betta splendens</i> | 807132 | | | |
| Fungi | | | | |
| Belontiidae | | | <i>Cyprinus carpio</i> | |
| <i>Betta splendens</i> | 807132 | | Coloration | |
| Feeding | | | Experimental analysis | |
| Mucus | | | Cyprinidae | |
| Cichlidae | | | <i>Carassius auratus</i> | 809032 |
| <i>Cichlasoma</i> | 806065 | | Brain | |
| Parturition | | | Experimental analysis | |
| Activity patterns | | | Cichlidae | |
| <i>Pseudotropheus</i> | | | <i>Tilapia melanotheron</i> | 808760 |
| <i>Gambusia affinis</i> | 804946 | | Embryo transplantation | |
| Attraction to parents | | | Cichlidae | |
| Experimental analysis | | | <i>Tilapia melanotheron</i> | 808760 |
| Cichlidae | | | Telencephalon | |
| <i>Etioplos maculatus</i> | 806269 | | Experimental analysis | |
| Development | | | Cyprinidae | |
| Cichlidae | | | <i>Carassius auratus</i> | 806276 |
| <i>Etioplos maculatus</i> | 806274 | | | 808328 |
| Paternal conditioning | | | | 808330 |
| Belontiidae | | | Sensory discrimination | |
| <i>Betta splendens</i> | 807052 | | Cyprinidae | |
| | | | <i>Carassius auratus</i> | 808330 |

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|-------------------------------------------|--------|------------------------------------|--------|-------------------------|
| Sound reception | | Brain injury | | Behavior |
| Salmonidae | | Cyprinidae | | (continued) |
| <i>Salmo gairdneri</i> | 808544 | <i>Carassius auratus</i> | 808330 | |
| Electrical sensitivity | | Maze learning | | |
| Ictaluridae | | Cyprinidae | | |
| <i>Ictalurus nebulosus</i> | 805058 | <i>Carassius auratus</i> | 805837 | Behavior in experiments |
| Chemical senses | | Group behavior | | |
| Gasterosteidae | | Experimental analysis | | |
| <i>Gasterosteus aculeatus</i> | 808412 | Cyprinidae | | |
| Characidae | | <i>Barbus conchoniis</i> | 808163 | |
| <i>Aspianax jordani</i> | 808412 | <i>Carassius auratus</i> | 808163 | |
| <i>Hemigrammus caudovittatus</i> | 808412 | Detour learning | | |
| Cyprinidae | | Experimental analysis | | |
| <i>Phoxinus phoxinus</i> | 808412 | Cyprinidae | | |
| Shape discrimination | | <i>Carassius auratus</i> | 807763 | |
| Stimulus generalization | | <i>Carassius carassius</i> | 807763 | |
| Cichlidae | | <i>Cyprinus carpio</i> | 807763 | |
| <i>Astronotus ocellatus</i> | 806246 | Multiple choice testing | | |
| Water pressure | | Color variety | | |
| Sensitivity to mechanical stimuli | | Species recognition | | |
| Belontiidae | | Poeciliidae | | |
| <i>Macropodus opercularis</i> | 807737 | <i>Xiphophorus helleri</i> | 808326 | |
| Chemical brain treatment | | <i>Xiphophorus maculatus</i> | 808326 | |
| Experimental analysis | | Electroreception organs | | |
| Belontiidae | | Apteronotidae | | |
| <i>Betta splendens</i> | 806526 | <i>Apteronotus albifrons</i> | 804511 | |
| Appetitive and consummatory behavior | | Chemical senses | | |
| Experimental analysis | | Gobiesociformes | | |
| Teleostei | 808329 | <i>Dellichthys morelandi</i> | 804277 | |
| Visual signals | | Partial reinforcement conditioning | | |
| Cyprinidae | | Extinction of conditioned response | | |
| <i>Phoxinus phoxinus</i> | 803651 | Cyprinidae | | |
| Aural signals | | <i>Carassius auratus</i> | 808327 | |
| Cyprinidae | | Effects of isolation | | |
| <i>Phoxinus phoxinus</i> | 803651 | Species recognition | | |
| Memory mechanisms | | Multiple choice testing | | |
| Biochemistry | | Poeciliidae | | |
| Cyprinidae | | <i>Xiphophorus helleri</i> | 808326 | |
| <i>Carassius auratus</i> | 804939 | <i>Xiphophorus maculatus</i> | 808326 | |
| Operant conditioning | | Mating | | |
| Aggressive behavior | | Aggressive behavior | | |
| Experimental analysis | | Poeciliidae | | |
| Belontiidae | | <i>Poecilia latipinna</i> | 806142 | |
| <i>Betta splendens</i> | 808322 | <i>Poecilia velifera</i> | 806142 | |
| Aggressive display | | Nervous system interference | | |
| Behavioral habituation | | Teleostei | 806620 | |
| Belontiidae | | Spinal cord injury | | |
| <i>Betta splendens</i> | 808320 | Effect on fish | | |
| Partial reinforcement conditioning | | Galvanotaxis | | |
| Cyprinidae | | Anguillidae | | |
| <i>Carassius auratus</i> | 804288 | <i>Anguilla anguilla</i> | 807931 | |
| Multiple choice testing | | Color change | | |
| Experimental analysis | | Experimental analysis | | |
| Cyprinidae | | Cyprinidae | | |
| <i>Carassius auratus</i> | 808327 | <i>Phoxinus phoxinus</i> | 803828 | |
| Reversal learning | | Effect on fish | | |
| Cichlidae | | Cyprinidae | | |
| <i>Tilapia melanotheron</i> | 806544 | <i>Phoxinus phoxinus</i> | 803725 | |
| | 806545 | Regeneration | | |
| Cyprinidae | | Cyprinidae | | |
| <i>Carassius auratus</i> | 806544 | <i>Carassius auratus</i> | 804347 | |
| | 806622 | Ultrastructure | | |
| Brain | | Cyprinidae | | |
| Experimental analysis | | <i>Carassius auratus</i> | 804371 | |
| Cichlidae | | Experimental analysis | | |
| <i>Tilapia melanotheron</i> | 808760 | Cyprinidae | | |
| Embryo transplantation | | <i>Carassius auratus</i> | 804371 | |
| Cichlidae | | Nerve transection | | |
| <i>Tilapia melanotheron</i> | 808760 | Effect on fish | | |
| Instrumental conditioning | | Olfactory nerve | | |
| Experimental analysis | | Muraenidae | 804349 | |
| Cichlidae | | Color change | | |
| <i>Astronotus ocellatus</i> | 808321 | Effect on fish | | |
| Behavioral probability matching | | Cyprinidae | | |
| Cichlidae | | <i>Phoxinus phoxinus</i> | 803725 | |
| <i>Tilapia melanotheron</i> | 806544 | Electric brain stimulation | | |
| | 806545 | Feeding | | |
| Cyprinidae | | Centrarchidae | | |
| <i>Carassius auratus</i> | 806544 | <i>Lepomis macrochirus</i> | 804337 | |
| Extinction of conditioned response | | Self protection | | |
| Cyprinidae | | Centrarchidae | | |
| <i>Carassius auratus</i> | 804288 | <i>Lepomis macrochirus</i> | 804337 | |
| Experimental analysis | | Nest construction | | |
| Cyprinidae | | Centrarchidae | | |
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| | Clariidae | | <i>Periophthalmus koelreuteri</i> | 806370 |
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| | Reserpine | | Experimental analysis | |
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| Experimental analysis | | Salmonidae | | |
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| | Cyprinidae | | Catostomidae | |
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| | | 805511 | <i>Anguilla anguilla</i> | 806196 |

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| Skin | <i>Maena smar</i> |
| Cyprinidae | Mullidae |
| <i>Cyprinus carpio</i> | <i>Mullus barbatus</i> |
| <i>Tinca tinca</i> | Pomadasyidae |
| <i>Psammodontus carcinoma</i> | <i>Lythrion flaviguttatum</i> |
| Cyprinidae | <i>Microlepidotus inornatus</i> |
| <i>Carassius auratus</i> | Pomatomidae |
| Reticulosarcoma | <i>Pomatomus saltatrix</i> |
| Salmonidae | Sciaenidae |
| <i>Oncorhynchus kisutch</i> | <i>Corvina umbra</i> |
| Hepatoma | Serranidae |
| Teleostei | <i>Morone saxatilis</i> |
| | |
| | <i>Serranus scriba</i> |
| Ictaluridae | Sparidae |
| <i>Ictalurus punctatus</i> | <i>Sargus annularis</i> |
| Salmonidae | Scorpaenidae |
| <i>Salmo gairdneri</i> | <i>Scorpaena porcus</i> |
| | Ostraciidae |
| Liver | <i>Ostracion meleagris</i> |
| Biochemistry | Atherinidae |
| Salmonidae | <i>Atherina mochon</i> |
| <i>Salmo gairdneri</i> | Experimental analysis |
| Fungus diseases | Salmonidae |
| Prophylactic treatment | Effect on fish |
| Salmonidae | Oxygen consumption |
| <i>Salmo gairdneri</i> | Umbridae |
| Aflatoxin | <i>Umbrina limi</i> |
| Salmonidae | Permeability |
| Experimental analysis | Pleuronectidae |
| Salmonidae | <i>Pleuronectes platessa</i> |
| <i>Oncorhynchus kisutch</i> | Salmonidae |
| <i>Salmo gairdneri</i> | <i>Salmo trutta</i> |
| Melanoma | Spleen |
| Elasmobranchii | Cyprinidae |
| Dipnoi | <i>Cyprinus carpio</i> |
| <i>Protopterus annectens</i> | Intestine |
| Teleostei | Cyprinidae |
| Poeciliidae | <i>Carassius auratus</i> |
| <i>Xiphophorus</i> | Liver |
| | Cyprinidae |
| | <i>Carassius auratus</i> |
| | Kidney |
| | Cyprinidae |
| Experimental analysis | <i>Cyprinus carpio</i> |
| Teleostei | Coelom |
| Developmental analysis | Cyprinidae |
| Poeciliidae | <i>Carassius auratus</i> |
| <i>Xiphophorus helleri X</i> | Salmonidae |
| <i>Xiphophorus maculatus X</i> | <i>Salmo gairdneri</i> |
| DNA content and function | Temperature |
| Experimental analysis | Cyprinidae |
| Poeciliidae | <i>Carassius auratus</i> |
| <i>Xiphophorus helleri X</i> | Salmonidae |
| <i>Xiphophorus maculatus X</i> | <i>Salmo gairdneri</i> |
| Salinity | Glucose content |
| Poeciliidae | Petromyzontomorpha |
| <i>Xiphophorus helleri X</i> | <i>Lampetra fluviatilis</i> |
| <i>Xiphophorus maculatus X</i> | Oxidative metabolism |
| Tissue culture techniques | Experimental analysis |
| Amino acids | Scyliorhinidae |
| Experimental analysis | <i>Scyliorhinus stellaris</i> |
| Poeciliidae | Color change |
| <i>Xiphophorus helleri X</i> | Adrenal cortex |
| <i>Xiphophorus maculatus X</i> | Experimental analysis |
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| Teleostei | <i>Rasbora daniconius</i> |
| | Salmonidae |
| | <i>Oncorhynchus kisutch</i> |
| Cyprinodontidae | <i>Oncorhynchus nerka</i> |
| <i>Cynolebias bellotti</i> | <i>Salmo gairdneri</i> |
| Poeciliidae | Adrenaline |
| <i>Xiphophorus</i> | Experimental analysis |
| Gas bubble disease | Petromyzontomorpha |
| Teleostei | <i>Petromyzon marinus</i> |
| Experimental analysis | |
| Salmonidae | |
| <i>Oncorhynchus kisutch</i> | |
| <i>Oncorhynchus tshawytscha</i> | |
| Effect on fish | |
| Experimental analysis | |
| Salmonidae | |
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| Salmonidae | |
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| Aeration and circulation | |
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| <i>Conger japonicus</i> | 804801 | Egg | Salmonidae | 807494 |
| Opichthidae | 804801 | <i>Salmo gairdneri</i> | | |
| Cobitidae | | Furunculosis disease | | |
| <i>Misgurnus anguillicaudatus</i> | 804801 | Experimental analysis | | |
| Cyprinidae | | Salmonidae | | 808524 |
| <i>Carassius auratus</i> | 804801 | Artificial propagation and planting | | |
| Plotosidae | | Salmonidae | | 805545 |
| <i>Plotosus anguillaris</i> | 804801 | Copper | | |
| Bregmaceroidae | | Protozoan diseases | | |
| <i>Bregmaceros</i> | 804801 | Teleostei | | 804706 |
| Macrouridae | | Ultraviolet light | | |
| <i>Coelohynchus multispinulosus</i> | 804801 | Aquaria and water systems | | |
| Argentinidae | | Teleostei | | 806070 |
| <i>Argentina semifasciata</i> | 804801 | Development disorders | | |
| Paralepididae | | Elasmobranchii | | 804949 |
| <i>Lestidium prolixum</i> | 804801 | Teleostei | | 804949 |
| Synodontidae | 804801 | Key | | |
| Gonostomatidae | | Teleostei | | 805488 |
| <i>Maurolicus japonicus</i> | 804801 | Teratoma | | |
| Bacterial diseases | | Teleostei | | 806190 |
| Serranidae | | Poeciliidae | | 806072 |
| <i>Morone mississippiensis</i> | 809041 | Double monsters | | |
| Ich disease | | Carcharhinidae | | |
| Cyprinidae | | <i>Prionace glauca</i> | | 808703 |
| <i>Barbus barbus</i> | 806666 | Pug head | | |
| Oxygen deficiencies in habitat | | Sciaenidae | | |
| Characidae | 807949 | <i>Cynoscion nebulosus</i> | | 804475 |
| Treatment for disease | | Clupeidae | | |
| Teleostei | 807186 | <i>Brevoortia tyrannus</i> | | 806870 |
| Effect on fish | | Cyprinidae | | |
| Lethal environmental limits | | <i>Cyprinus carpio</i> | | 808213 |
| Serranidae | 808509 | Salmonidae | | |
| <i>Morone saxatilis</i> | | <i>Salmo salar</i> | | 807539 |
| Lethal environmental limits | | Anatomy | | |
| Serranidae | | Gadidae | | |
| <i>Morone saxatilis</i> | 806649 | <i>Melanogrammus aeglefinus</i> | | 808445 |
| Experimental analysis | 806671 | Zoaridae | | |
| Cyprinidae | 806729 | <i>Macrozoarces americanus</i> | | 808445 |
| Aerocystitis | | Hyperostosis | | |
| Experimental analysis | | Ephippidae | | |
| Cyprinidae | | <i>Drepane punctata</i> | | 804283 |
| <i>Cyprinus carpio</i> | 808238 | Sparidae | | |
| Formalin | | <i>Chrysophrys major</i> | | 806072 |
| Effect on fish | | | | 806074 |
| Axial skeleton | | | | 806233 |
| Salmonidae | | Pliocene | | |
| <i>Salvelinus fontinalis</i> | 808862 | Teleostei | | 803714 |
| Oxytetracycline | | Pleistocene | | |
| Effect on fish | | Teleostei | | 803714 |
| Salmonidae | 808803 | Archeological data | | |
| | 808805 | Teleostei | | 803714 |
| Body content | | Hereditary disorders | | |
| Experimental analysis | | Experimental analysis | | |
| Ictaluridae | 808811 | Poeciliidae | | |
| Intermediary metabolism | | <i>Poecilia reticulata</i> | | 803600 |
| Body content | | Infectious and parasitic disorders | | |
| Ictaluridae | 808810 | Clupeidae | | |
| Salmonidae | 808809 | <i>Brevoortia tyrannus</i> | | 805075 |
| Artificial feeds and feeding | | Esocidae | | |
| Experimental analysis | | <i>Esox lucius</i> | | 808025 |
| Ictaluridae | 808812 | Key | | |
| Sulfa drugs | | Acipenseromorpha | | 805488 |
| Effect on fish | | Teleostei | | 805488 |
| Intermediary metabolism | | Check list | | |
| Salmonidae | | Prophylactic treatment | | |
| <i>Oncorhynchus tshawytscha</i> | 808553 | Cyprinidae | | |
| Rate of growth | | <i>Aristichthys nobilis</i> | | 808235 |
| Salmonidae | | <i>Ctenopharyngodon idella</i> | | 808235 |
| <i>Oncorhynchus tshawytscha</i> | 808553 | <i>Hypophthalmichthys molitrix</i> | | 808235 |
| Lethal environmental limits | | Prophylactic treatment | | |
| Salmonidae | 808553 | Treatment for disease | | |
| <i>Oncorhynchus tshawytscha</i> | | Teleostei | | 808684 |
| Sulfisoxazole | | Captive vs natural fishes | | |
| Effect on fish | | Artificial hybridization | | |
| Cyprinodontidae | | Salmonidae | | 805546 |
| <i>Fundulus heteroclitus</i> | 808561 | Dropsy | | |
| Prophylactic treatment | | Effect on fish | | |
| Teleostei | 805556 | Spleen | | |
| Algae | | Cyprinidae | | |
| Ictaluridae | | <i>Cyprinus carpio</i> | | 808227 |
| <i>Ictalurus punctatus</i> | 808512 | Kidney | | |
| Vascular plants | | Cyprinidae | | 808227 |
| Ictaluridae | | <i>Cyprinus carpio</i> | | |
| <i>Ictalurus punctatus</i> | 808512 | Nitrofurantoin | | |
| Infectious and parasitic disorders | | Treatment for disease | | 808700 |
| Ictaluridae | | Swim bladder inflammation | | |
| <i>Ictalurus punctatus</i> | 808512 | Host parasite interactions | | |
| Bacterial diseases | | Cyprinidae | | |
| Experimental analysis | | <i>Cyprinus carpio</i> | | 805560 |
| Salmonidae | | Parasite life history | | |
| <i>Salmo gairdneri</i> | 807494 | Myxosporidiosis | | |
| | | Whirling disease | | |
| | | Salmonidae | | 808511 |

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|--------------------------------------|---------------------------------|--------|-----------------------------------|--------|
| Pathology and parasitism (continued) | Host specificity | | Parasite life history | |
| | Polypteromorpha | | Salmonidae | |
| | <i>Polypterus senegalus</i> | 804080 | <i>Oncorhynchus nerka</i> | 803763 |
| | Teleostei | 803827 | Host parasite interactions | |
| | Mormyridae | 804080 | Prophylactic treatment | |
| | Salmonidae | | Salmonidae | |
| | <i>Salmo trutta</i> | 807893 | <i>Oncorhynchus nerka</i> | 808891 |
| | Cestoda | | Host specificity | |
| | Experimental analysis | | Ictaluridae | |
| | Gasterosteidae | | <i>Ictalurus punctatus</i> | 808895 |
| | <i>Gasterosteus aculeatus</i> | 803978 | Tissue culture techniques | |
| | <i>Pungitius pungitius</i> | 803978 | Pomadasyidae | |
| | Percidae | | <i>Haemulon sciurus</i> | 804683 |
| | <i>Acerina cernua</i> | 803978 | Tissue culture techniques | |
| | <i>Perca fluviatilis</i> | 803978 | Cyprinidae | |
| | Anguillidae | | <i>Pimephales promelas</i> | 806987 |
| | <i>Anguilla anguilla</i> | 803978 | Cauliflower disease | |
| | Osmeridae | | Effect on fish | |
| | <i>Osmerus eperlanus</i> | 803978 | Experimental analysis | |
| | Genetic disease resistance | | Anguillidae | |
| | Artificial selection | | <i>Anguilla anguilla</i> | 808485 |
| | Cyprinidae | | Incidence of infection | |
| | <i>Cyprinus carpio</i> | 808237 | Anguillidae | |
| | Salmonidae | | <i>Anguilla anguilla</i> | 808485 |
| | <i>Salmo gairdneri</i> | 808237 | Epitheliocystis | |
| | Host parasite interactions | | Host parasite interactions | |
| | Computer analysis | 807754 | Ultrastructure | |
| | Host and parasite phylogeny | | Centrarchidae | |
| | Acipenseromorpha | 806903 | <i>Lepomis macrochirus</i> | 808898 |
| | Monogenea | | Experimental analysis | |
| | Gadidae | 807411 | Centrarchidae | |
| | Macrouridae | | <i>Lepomis macrochirus</i> | 808898 |
| | <i>Coryphaenoides rupestris</i> | 807411 | Infectious hematopoietic necrosis | |
| | Diseases of fishes | | Effect on fish | |
| | Key | | Tissue culture techniques | |
| | Acipenseromorpha | 805488 | Salmonidae | |
| | Teleostei | 805488 | <i>Oncorhynchus nerka</i> | 807882 |
| | Gas bladder | | <i>Salmo gairdneri</i> | 807882 |
| | Experimental analysis | | Infectious pancreatic necrosis | |
| | Cyprinidae | | Teleostei | 805510 |
| | <i>Cyprinus carpio</i> | 808674 | Ultrastructure | |
| | Treatment for disease | | Salmonidae | |
| | Cyprinidae | | <i>Salmo gairdneri</i> | 807489 |
| | <i>Cyprinus carpio</i> | 808674 | Development | |
| | | 808685 | Teleostei | 809048 |
| | Prophylactic treatment | | Immunological reactions | |
| | Cyprinidae | | Experimental analysis | |
| | <i>Cyprinus carpio</i> | 808685 | Salmonidae | |
| | | 808687 | <i>Salmo gairdneri</i> | 807506 |
| | Bibliography | 808257 | <i>Salvelinus fontinalis</i> | 807506 |
| | Aerocystitis | | Genetic disease resistance | |
| | Effect on fish | | Salmonidae | |
| | Treatment for disease | | <i>Salmo gairdneri</i> | 807506 |
| | Cyprinidae | | <i>Salvelinus fontinalis</i> | 807506 |
| | <i>Cyprinus carpio</i> | 808238 | Distribution of infection | |
| | Blue sac disease | | Incidence of infection | |
| | Prophylactic treatment | | Salmonidae | 807552 |
| | Fry | | Prophylactic treatment | |
| | Teleostei | 808892 | Salmonidae | 805552 |
| | Salmonidae | 808892 | Host parasite interactions | |
| | Dropsy | | Identification | |
| | Prophylactic treatment | | Salmonidae | |
| | Treatment for disease | | <i>Salvelinus fontinalis</i> | 807436 |
| | Cyprinidae | | Immunological reactions | |
| | <i>Cyprinus carpio</i> | 808218 | Belontiidae | |
| | Gas bladder disease | | <i>Trichogaster trichopterus</i> | 804890 |
| | Bacterial diseases | | Tissue culture techniques | |
| | Virus diseases | | Experimental analysis | 808899 |
| | Cyprinidae | | Lymphocystis disease | |
| | <i>Cyprinus carpio</i> | 808239 | Teleostei | 805510 |
| | White spot disease | | | 806073 |
| | Experimental analysis | | | 806623 |
| | Salmonidae | | Chaetodontidae | |
| | <i>Salvelinus fontinalis</i> | 808522 | DNA content and function | |
| | Virus diseases | | Biochemistry | |
| | Percidae | | Lutjanidae | |
| | <i>Stizostedion vitreum</i> | 806197 | <i>Lutjanus griseus</i> | 806201 |
| | Identification | | Experimental analysis | |
| | Teleostei | 808887 | Pomadasyidae | |
| | Experimental analysis | | <i>Haemulon sciurus</i> | 806201 |
| | Tissue culture techniques | | Tissue culture techniques | |
| | Pomadasyidae | | Pomadasyidae | |
| | <i>Haemulon sciurus</i> | 805510 | <i>Haemulon sciurus</i> | 806201 |
| | Effect on fish | | RNA content and function | |
| | Ovary | | Biochemistry | |
| | Salmonidae | | Lutjanidae | |
| | <i>Salmo gairdneri</i> | 807368 | <i>Lutjanus griseus</i> | 806201 |
| | Tissue culture techniques | | Experimental analysis | |
| | Salmonidae | | Pomadasyidae | |
| | <i>Salmo gairdneri</i> | 807368 | <i>Haemulon sciurus</i> | 806201 |
| | Neoplastic diseases | | Tissue culture techniques | |
| | Teleostei | 806072 | Pomadasyidae | |
| | | | <i>Haemulon sciurus</i> | 806201 |

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|-------------------------------------|--------|---------------------------------|--------|--------------------------------------|
| Incidence of infection | | Egg | | |
| Change with age | | Prophylactic treatment | | |
| Blenniidae | | Salmonidae | | |
| <i>Hypsoblennius jenkinsi</i> | 807626 | <i>Salmo gairdneri</i> | 807494 | Pathology and parasitism (continued) |
| Clinidae | | Nitrofurantoin | | |
| <i>Acanthemblemaria crockeri</i> | 807626 | Treatment for disease | 808700 | |
| Host parasite interactions | | Oxytetracycline | | |
| Host specificity | | Treatment for disease | | |
| Teleostei | 808890 | Experimental analysis | | |
| Viral hemorrhagic septicemia | | Ictaluridae | | |
| Teleostei | 805510 | <i>Ictalurus furcatus</i> | 808807 | |
| Pomadasyidae | | <i>Ictalurus punctatus</i> | 808807 | |
| <i>Haemulon sciurus</i> | 805510 | Salmonidae | 808804 | |
| Identification | | Vibrio | | |
| Teleostei | 808887 | Immunological reactions | | |
| Effect on fish | | Experimental analysis | | |
| Identification | | Anguillidae | | |
| Salmonidae | | <i>Anguilla japonica</i> | 805491 | |
| <i>Salmo gairdneri</i> | 808254 | Vibriosis | | |
| Prophylactic treatment | | Epizootics | | |
| Treatment for disease | | Salmonidae | | |
| Salmonidae | | <i>Oncorhynchus tshawytscha</i> | 803845 | |
| <i>Salmo gairdneri</i> | 808685 | Furunculosis disease | | |
| Tissue culture techniques | | Effect on fish | | |
| Biochemistry | | Salmonidae | | |
| Salmonidae | | <i>Oncorhynchus kisutch</i> | 807345 | |
| <i>Salmo gairdneri</i> | 804327 | <i>Salmo gairdneri</i> | 807345 | |
| Ulcerative dermal necrosis | | Serum proteins | | |
| Salmonidae | | Salmonidae | | |
| <i>Salmo salar</i> | 804233 | <i>Salmo salar</i> | 805978 | |
| <i>Salmo trutta</i> | 804413 | Epizootics | | |
| Effect on fish | 804233 | Serranidae | | |
| Serum proteins | | <i>Morone mississippiensis</i> | 808901 | |
| Salmonidae | | Treatment for disease | | |
| <i>Salmo salar</i> | 805978 | Salmonidae | | |
| Bacterial diseases | | <i>Oncorhynchus tshawytscha</i> | 808803 | |
| Cyprinidae | | Experimental analysis | | |
| <i>Carassius auratus</i> | 803523 | Salmonidae | 808553 | |
| Effect on fish | | Prophylactic treatment | | |
| Treatment for disease | | Experimental analysis | | |
| Cyprinidae | | Salmonidae | 808524 | |
| <i>Ctenopharyngodon idella</i> | 808446 | Vector of fish disease | | |
| <i>Pseudorasbora parva</i> | 808446 | Experimental analysis | | |
| Blood and lymph | | Salmonidae | 808524 | |
| Experimental analysis | | Host parasite interactions | | |
| Cyprinidae | | Histology | | |
| <i>Carassius auratus</i> | 806862 | Cyprinidae | | |
| <i>Nocomis biguttatus</i> | 806862 | <i>Carassius auratus</i> | 805958 | |
| <i>Notemigonus crysoleucas</i> | 806862 | Treatment for disease | | |
| Immunological reactions | | Teleostei | 808894 | |
| Cyprinidae | | Cyprinidae | | |
| <i>Carassius auratus</i> | 806862 | <i>Carassius auratus</i> | 805958 | |
| <i>Nocomis biguttatus</i> | 806862 | Prophylactic treatment | | |
| <i>Notemigonus crysoleucas</i> | 806862 | Teleostei | 808894 | |
| Kidney | | Bacteriophage | | |
| Experimental analysis | | Distribution of infection | | |
| Salmonidae | 807803 | Salmonidae | 807375 | |
| Epizootics | | Oxytetracycline | | |
| Catostomidae | | Treatment for disease | | |
| <i>Catostomus commersoni</i> | 807869 | Experimental analysis | | |
| Cyprinidae | | Ictaluridae | 808807 | |
| <i>Notropis cornutus</i> | 807869 | Salmonidae | 808804 | |
| Salmonidae | | <i>Oncorhynchus kisutch</i> | 808808 | |
| <i>Salmo salar</i> | 807869 | Prophylactic treatment | | |
| Treatment for disease | | Experimental analysis | | |
| Cyprinidae | 808577 | Salmonidae | | |
| Salmonidae | 808803 | <i>Oncorhynchus kisutch</i> | 808806 | |
| Host parasite interactions | | Pseudomonas diseases | | |
| Axial skeletal muscles | | Treatment for disease | | |
| Pleuronectidae | | Prophylactic treatment | | |
| <i>Pleuronectes platessa</i> | 805057 | Teleostei | 808888 | |
| Tissue culture techniques | | Bacterial kidney disease | | |
| Pomadasyidae | | Incidence of infection | | |
| <i>Haemulon sciurus</i> | 804683 | Captive vs natural fishes | | |
| Aeromonas | | Salmonidae | | |
| Experimental analysis | | <i>Salmo salar</i> | 807511 | |
| Anguillidae | | Fish mycobacteriosis | | |
| <i>Anguilla japonica</i> | 804803 | Teleostei | 803702 | |
| Effect on fish | 805437 | Identification | 804949 | |
| Mass mortalities | | Effect on fish | | |
| Serranidae | | Teleostei | 808255 | |
| <i>Morone mississippiensis</i> | 809041 | Prophylactic treatment | | |
| Treatment for disease | | Teleostei | 808255 | |
| Prophylactic treatment | | Host parasite interactions | | |
| Teleostei | 808888 | Histology | | |
| Aeromonas liquefaciens | | Characidae | | |
| Effect on fish | | <i>Gymnocorymbus ternetzi</i> | 808205 | |
| Anguillidae | | Cyprinidae | | |
| <i>Anguilla japonica</i> | 807281 | <i>Cyprinus carpio</i> | 808205 | |
| | | Experimental analysis | | |
| | | Cyprinidae | | |
| | | <i>Cyprinus carpio</i> | 808205 | |

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|--------------------------------------|------------------------------------|--------|------------------------------------|--------|
| Pathology and parasitism (continued) | Columnaris disease | | Seasonal changes | |
| | Serranidae | | Cyprinidae | |
| | <i>Morone saxatilis</i> | 806671 | <i>Phoxinus phoxinus</i> | 808216 |
| | Incidence of infection | | Treatment for disease | |
| | Heat pollution | | Cyprinodontidae | |
| | Salmonidae | | <i>Cyprinodon variegatus</i> | 804643 |
| | <i>Oncorhynchus</i> | 806638 | <i>Fundulus heteroclitus</i> | 804643 |
| | <i>Salmo gairdneri</i> | 806638 | Ictaluridae | |
| | Treatment for disease | | <i>Ictalurus punctatus</i> | 808413 |
| | Salmonidae | 808803 | | 808512 |
| | Host parasite interactions | | Parasite life history | |
| | Treatment for disease | | Teleostei | 805857 |
| | Teleostei | 808893 | Cyprinidae | |
| | Oxytetracycline | | <i>Tinca tinca</i> | 805571 |
| | Prophylactic treatment | | Ultrastructure | |
| | Experimental analysis | | | 806550 |
| | Salmonidae | | Host specificity | |
| | <i>Oncorhynchus kisutch</i> | 808806 | Cyprinidae | |
| | | | <i>Ctenopharyngodon idella</i> | 807279 |
| Fungus diseases | | | <i>Cyprinus carpio</i> | 807279 |
| | Pars distalis | | <i>Hypophthalmichthys molitrix</i> | 807279 |
| | Histology | | Experimental analysis | 807337 |
| | Petromyzontomorpha | | Host parasite interactions | |
| | <i>Lampetra planeri</i> | 808331 | Experimental analysis | |
| | Treatment for disease | | Cyprinidae | |
| | Teleostei | 805668 | <i>Carassius carassius</i> | 806666 |
| | Host parasite interactions | | Salmonidae | |
| | Ictaluridae | | <i>Salmo gairdneri</i> | 806666 |
| | <i>Ictalurus punctatus</i> | 803844 | Ultraviolet light | |
| | Histology | | Prophylactic treatment | |
| | Petromyzontomorpha | | Experimental analysis | |
| | <i>Lampetra planeri</i> | 808331 | Teleostei | 807736 |
| Saprolegnia infection | | | Velvet disease | |
| | Salmonidae | | Teleostei | |
| | <i>Salmo salar</i> | 804233 | | 803787 |
| | <i>Salmo trutta</i> | 804233 | | 803842 |
| | Effect on fish | | | 803852 |
| | Serum proteins | | Treatment for disease | |
| | Salmonidae | | Teleostei | 806070 |
| | <i>Salmo salar</i> | 805978 | Hexamitiasis | |
| | Host parasite interactions | | Teleostei | 803842 |
| | Treatment for disease | | Cichlidae | |
| | Teleostei | 808897 | <i>Symphysodon</i> | 804745 |
| | Ultraviolet light | | Costiasis | |
| | Prophylactic treatment | | Distribution of infection | |
| | Teleostei | 807736 | Cyprinidae | |
| | Developing egg | | <i>Hypophthalmichthys molitrix</i> | 808235 |
| | Cyprinidae | | Treatment for disease | |
| | <i>Cyprinus carpio</i> | 807736 | Ictaluridae | |
| Ichthyophonus disease | | | <i>Ictalurus punctatus</i> | 808413 |
| | Teleostei | 803702 | Host parasite interactions | |
| | Poeciliidae | | Ultrastructure | |
| | <i>Xiphophorus maculatus</i> | 806848 | Teleostei | 806548 |
| Protozoan diseases | | | Ultraviolet light | |
| | Teleostei | 805712 | Prophylactic treatment | |
| | Seasonal changes | | Experimental analysis | |
| | Cyprinidae | | Teleostei | 807736 |
| | <i>Phoxinus phoxinus</i> | 808216 | Microsporidiosis | |
| | Treatment for disease | | Teleostei | 807385 |
| | Ictaluridae | | Gasterosteidae | |
| | <i>Ictalurus punctatus</i> | 808413 | <i>Gasterosteus aculeatus</i> | 804123 |
| | | 808512 | <i>Pungitius pungitius</i> | 806261 |
| | Prophylactic treatment | | Callionymidae | |
| | Teleostei | 804706 | <i>Callionymus lyra</i> | 805466 |
| | Cryptocyaniasis | | Gobiidae | |
| | Genetic disease resistance | | <i>Gobius melanostomus</i> | 805466 |
| | Elasmobranchii | 808732 | <i>Gobius ophiocephalus</i> | 805466 |
| | Treatment for disease | | Emmellichthyidae | |
| | Teleostei | 808732 | <i>Spicara smar</i> | 805466 |
| | Ultraviolet light | | Mullidae | |
| | Prophylactic treatment | | <i>Mullus barbatus</i> | 805466 |
| | Experimental analysis | | Pleuronectidae | |
| | Acipenseromorpha | | <i>Platichthys flesus</i> | 805466 |
| | <i>Acipenser</i> | 807736 | Scorpaenidae | |
| | Teleostei | 807736 | <i>Scorpaena porcus</i> | 805466 |
| Ich disease | | | Atherinidae | |
| | Teleostei | 803532 | <i>Atherina mochon</i> | 805466 |
| | | 803842 | Anguillidae | |
| | Gasterosteidae | | <i>Anguilla anguilla</i> | 806261 |
| | <i>Gasterosteus aculeatus</i> | 804123 | Gadidae | |
| | Cyprinidae | 804123 | <i>Odontogadus merlangus</i> | 805466 |
| | <i>Rutilus rutilus</i> | 803827 | Lophiidae | |
| | Esocidae | | <i>Lophius piscatorius</i> | 805712 |
| | <i>Esox lucius</i> | 804123 | Osmeridae | |
| | Salmonidae | 804123 | <i>Osmerus mordax</i> | 805641 |
| | Distribution of infection | | | 805712 |
| | Cyprinidae | | Distribution of infection | |
| | <i>Aristichthys nobilis</i> | 808235 | Osmeridae | |
| | <i>Ctenopharyngodon idella</i> | 808235 | <i>Osmerus mordax</i> | 808173 |
| | <i>Hypophthalmichthys molitrix</i> | 808235 | Incidence of infection | |
| | Incidence of infection | | Cottidae | |
| | Cyprinodontidae | | <i>Cottus beldingi</i> | 808721 |
| | <i>Fundulus kansae</i> | 807834 | | |

| Host parasite interactions | | Incidence of infection | | Fishing and fisheries | |
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| Sciaenidae | | Host parasite interactions | | | |
| <i>Leiostomus xanthurus</i> | 806202 | Cyprinidae | | | |
| Histology | | <i>Leuciscus idus</i> | 804777 | | |
| Pleuronectidae | | <i>Rutilus rutilus</i> | 804777 | | |
| <i>Parophrys vetulus</i> | 807483 | Prophylactic treatment | | | |
| Distribution | | Experimental analysis | | | |
| Osmeridae | | Salmonidae | 808511 | | |
| <i>Osmerus mordax</i> | 804390 | Host parasite interactions | | | |
| Seasonal changes | | Parasite life history | | | |
| Osmeridae | | Salmonidae | | | |
| <i>Osmerus eperlanus</i> | 804755 | <i>Salmo gairdneri</i> | 804385 | | |
| Parasite life history | | Parasite systematics | | | |
| Teleostei | 808896 | Gobiidae | | | |
| Myxosporidiosis | | <i>Gobius ophiocephalus</i> | 805469 | | |
| Dasyatidae | | Incidence of infection | | | |
| <i>Dasyatis pastinaca</i> | 805466 | Cyprinidae | | | |
| Rajidae | | <i>Alburnus alburnus</i> | 804111 | | |
| <i>Raja clavata</i> | 805466 | <i>Barbus barbus</i> | 804111 | | |
| Squalidae | | Whirling disease | | | |
| <i>Squalus acanthias</i> | 805466 | Identification | | | |
| Teleostei | 807385 | Teleostei | 808887 | | |
| Syngnathidae | | Helminth diseases | | | |
| <i>Syngnathus nigrolineatus</i> | 805466 | Effect on fish | | | |
| Anabantidae | | Lipid and fatty acid content | | | |
| <i>Ctenopoma kingsleyae</i> | 805853 | Salmonidae | | | |
| Blennidae | | <i>Salmo gairdneri</i> | 807773 | | |
| <i>Blennius zvonimiri</i> | 805466 | Hemoglobin | | | |
| Gobiidae | | Salmonidae | | | |
| <i>Gobius batrachoccephalus</i> | 805466 | <i>Salmo gairdneri</i> | 807773 | | |
| <i>Gobius melanostomus</i> | 805466 | Age at maturity | | | |
| Labridae | 805466 | Salmonidae | | | |
| Mugiloidae | | <i>Salmo gairdneri</i> | 807773 | | |
| <i>Liza auratus</i> | 805466 | Rate of growth | | | |
| <i>Mugil cephalus</i> | 805466 | Salmonidae | | | |
| <i>Mugil saliens</i> | 805466 | <i>Salmo gairdneri</i> | 807773 | | |
| Carangidae | | Coefficient of condition | | | |
| <i>Trachurus mediterraneus</i> | 805466 | Salmonidae | | | |
| Percidae | | <i>Salmo gairdneri</i> | 807773 | | |
| <i>Perca fluviatilis</i> | 804123 | Swimming endurance | | | |
| Sparidae | | Salmonidae | | | |
| <i>Diplodus annularis</i> | 805466 | <i>Salmo gairdneri</i> | 807773 | | |
| Scombridae | | Anchor worm infestation | | | |
| <i>Scomber scombrus</i> | 805466 | Carangidae | | | |
| | 805712 | <i>Trachinotus carolinus</i> | 804222 | | |
| Xiphiidae | | Percidae | | | |
| <i>Xiphias gladius</i> | 805712 | <i>Perca fluviatilis</i> | 804123 | | |
| Trachinidae | | Cyprinidae | 804123 | | |
| <i>Trachinus draco</i> | 805466 | <i>Carassius auratus</i> | 803773 | | |
| Uranoscopidae | | Esocidae | | | |
| <i>Uranoscopus scaber</i> | 805466 | <i>Esox lucius</i> | 804123 | | |
| Pleuronectidae | | Salmonidae | 804123 | | |
| <i>Platichthys flesus</i> | 805466 | Distribution of infection | | | |
| Soleidae | | Cyprinidae | 809086 | | |
| <i>Solea lascaris</i> | 805466 | Incidence of infection | | | |
| Scorpaenidae | | Intensity of infection | | | |
| <i>Scorpaena porcus</i> | 805466 | Percidae | | | |
| Atherinidae | | <i>Perca fluviatilis</i> | 803827 | | |
| <i>Atherina hepsetus</i> | 805466 | Cyprinidae | | | |
| Belonidae | | <i>Abramis brama</i> | 803827 | | |
| <i>Belone bellone</i> | 805466 | <i>Rutilus rutilus</i> | 803827 | | |
| Clupeidae | | Esocidae | | | |
| <i>Alosa fallax</i> | 805466 | <i>Esox lucius</i> | 803827 | | |
| <i>Alosa kessleri</i> | 805466 | Host parasite interactions | | | |
| Engraulidae | | Cyprinodontidae | | | |
| <i>Engraulis encrasicolus</i> | 805466 | <i>Fundulus kansae</i> | 807834 | | |
| Cobitidae | | Host parasite interactions | | | |
| <i>Misgurnus fossilis</i> | 806261 | Treatment for disease | | | |
| Cyprinidae | 804123 | Teleostei | 808889 | | |
| <i>Barbus lacerta</i> | 807267 | Relations of fish and man | | | |
| <i>Phoxinus phoxinus</i> | 805407 | Petromyzontomorpha | 807937 | | |
| | 808216 | Fishing and fisheries | | | |
| Gadidae | | Cyprinidae | | | |
| <i>Gaidropsarus mediterraneus</i> | 805466 | <i>Barbus</i> | 808152 | | |
| <i>Odontogadus merlangus</i> | 805466 | <i>Oreinus</i> | 808152 | | |
| Ophidiidae | | Siluridae | | | |
| <i>Ophidion rochei</i> | 805466 | <i>Mystus</i> | 808152 | | |
| Esocidae | | Osmeridae | | | |
| <i>Esox lucius</i> | 803827 | <i>Osmerus eperlanus</i> | 808647 | | |
| | 804123 | <i>Osmerus mordax</i> | 808647 | | |
| Salmonidae | 806261 | Danube R | | | |
| <i>Prosopium coulteri</i> | 804123 | Bibliography | 808649 | | |
| <i>Prosopium williamsoni</i> | 804294 | German Democratic Republic | | | |
| Seasonal changes | 804294 | Bibliography | 808257 | | |
| Cyprinidae | | Syria | | | |
| <i>Vimba vimba</i> | 807046 | Faunal list | | | |
| Distribution of infection | | Teleostei | 808482 | | |
| Cyprinidae | | Terminology | 807677 | | |
| <i>Aristichthys nobilis</i> | 808235 | History of fishing | 805260 | | |
| <i>Ctenopharyngodon idella</i> | 808235 | Cichlidae | | | |
| <i>Hypophthalmichthys molitrix</i> | 808235 | <i>Tilapia</i> | 806262 | | |
| | | Angling | | | |
| | | Teleostei | 807190 | | |

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| Fishing and fisheries (continued) | History of fisheries | 806483 | <i>Thunnus</i> | 808711 |
| | Petromyzontomorpha | | | 808963 |
| | <i>Lamprologus fluviatilis</i> | 807198 | <i>Thunnus alalunga</i> | 805931 |
| | Elasmobranchii | 806740 | | 808365 |
| | Acipenseromorpha | 806890 | <i>Thunnus albacares</i> | 808365 |
| | <i>Acipenser stellatus</i> | 807706 | <i>Thunnus thynnus</i> | 805931 |
| | Teleostei | | Clupeidae | |
| | | 806740 | <i>Brevoortia tyrannus</i> | 805075 |
| | | 806890 | <i>Clupea harengus</i> | 805320 |
| | | 807014 | <i>Opisthonema oglinum</i> | 807981 |
| | | | <i>Sardinella longiceps</i> | 807079 |
| | Carangidae | 807225 | | 808573 |
| | <i>Seriola dorsalis</i> | | Engraulidae | |
| | Lutjanidae | | <i>Cetengraulis mysticetus</i> | 808646 |
| | <i>Lutjanus gibbus</i> | 807014 | Characidae | 805359 |
| | Percidae | | <i>Aleste</i> | 804813 |
| | <i>Perca flavescens</i> | 803627 | Cyprinidae | 805359 |
| | <i>Stizostedion vitreum</i> | 807178 | Malapteruridae | |
| | Scombridae | 807128 | <i>Malapterurus electricus</i> | 804806 |
| | <i>Euthynnus pelamis</i> | 806500 | <i>Malapterurus microstoma</i> | 804806 |
| | <i>Sarda chiliensis</i> | 807225 | Pangasidae | |
| | <i>Thunnus alalunga</i> | 807225 | <i>Pangasius pangasius</i> | 808572 |
| | <i>Thunnus albacares</i> | 806500 | Trichomycteridae | |
| | <i>Thunnus thynnus</i> | 807225 | <i>Pseudostegophilus nemurus</i> | 805851 |
| | Sphyraenidae | | Osteoglossidae | |
| | <i>Sphyraena argentea</i> | 807225 | <i>Arapaima gigas</i> | 805851 |
| | Pleuronectidae | 807198 | Merlucciidae | |
| | <i>Hippoglossus stenolepis</i> | 803538 | <i>Merluccius productus</i> | 806326 |
| | | 808160 | Experimental analysis | 804691 |
| | <i>Lepidopsetta bilineata</i> | 803538 | | 804966 |
| | <i>Limanda aspera</i> | 807906 | | 806328 |
| | <i>Parophrys vetulus</i> | 803538 | Teleostei | 804973 |
| | Anoplopomatidae | 805944 | | 804977 |
| | <i>Anoplopoma fimbria</i> | 803538 | Scombridae | |
| | Scorpaenidae | | <i>Thunnus</i> | 804318 |
| | <i>Sebastes alutus</i> | 803538 | | 804319 |
| | Clupeidae | | Pleuronectidae | |
| | <i>Alosa alosa</i> | 807198 | <i>Reinhardtius hippoglossoides</i> | 807106 |
| | <i>Alosa fallax</i> | 807198 | Light | |
| | <i>Alosa sapidissima</i> | 808872 | Scombridae | |
| | <i>Brevoortia tyrannus</i> | 805075 | <i>Scomber scombrus</i> | 806320 |
| | | 805097 | Clupeidae | 806218 |
| | <i>Clupea harengus</i> | 803538 | <i>Clupea harengus</i> | 806320 |
| | | 805063 | | 808662 |
| | <i>Opisthonema oglinum</i> | 806498 | <i>Clupeonella</i> | 806343 |
| | <i>Sardinops caerulea</i> | 805097 | <i>Sardinia pilchardus</i> | 806347 |
| | Engraulidae | | Engraulidae | 806218 |
| | <i>Engraulis mordax</i> | 807888 | Gadidae | |
| | <i>Engraulis ringens</i> | 805574 | <i>Boreogadus saida</i> | 806342 |
| | Anguillidae | | <i>Gadus morhua</i> | 806320 |
| | <i>Anguilla anguilla</i> | 807198 | Seining | |
| | Gadidae | | Carangidae | |
| | <i>Gadus ogac</i> | 805022 | <i>Caranx</i> | 806331 |
| | Osmeridae | | <i>Decapterus</i> | 806331 |
| | <i>Mallotus villosus</i> | 805022 | Scombridae | 806331 |
| | <i>Osmerus eperlanus</i> | 807198 | Clupeidae | |
| | Salmonidae | 803538 | <i>Sardinella</i> | 806331 |
| | <i>Oncorhynchus gorbuscha</i> | 804690 | Orientation with light source | |
| | <i>Oncorhynchus nerka</i> | 803624 | Experimental analysis | |
| | | 804690 | Cichlidae | |
| | <i>Salmo salar</i> | 807198 | <i>Haplochromis</i> | 808969 |
| | <i>Salvelinus alpinus</i> | 805022 | Cyprinidae | |
| | | | <i>Engraulicypris argenteus</i> | 808969 |
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| | | 804709 | Scombridae | |
| | Elasmobranchii | 808407 | <i>Euthynnus affinis</i> | 806346 |
| | Teleostei | 803747 | <i>Thunnus albacares</i> | 806346 |
| | | 805038 | Bait fish | |
| | | 805113 | Scombridae | |
| | | 806002 | <i>Scomberomorus cavalla</i> | 808183 |
| | | 807241 | <i>Scomberomorus maculatus</i> | 808183 |
| | | 808407 | Experimental analysis | |
| | | 808631 | Scombridae | |
| | | 808575 | <i>Euthynnus pelamis</i> | 806325 |
| | Mugilidae | | Archeological data | 806547 |
| | <i>Chloroscombrus chrysurus</i> | 807981 | Netting | |
| | Centropomidae | | Experimental analysis | |
| | <i>Lates niloticus</i> | 804813 | Carangidae | 806318 |
| | Cichlidae | 805359 | Scombridae | 806318 |
| | Lutjanidae | 807981 | Seining | |
| | Rachycentridae | | Carangidae | |
| | <i>Rachycentron canadum</i> | 807981 | <i>Chorinemus lysan</i> | 806782 |
| | Sciaenidae | | Scombridae | 806782 |
| | <i>Cynoscion nobilis</i> | 807225 | Chanidae | |
| | <i>Pseudosciaenops coibor</i> | 808586 | <i>Chanos chanos</i> | 806782 |
| | <i>Pseudotolithus</i> | 806749 | Trawling | |
| | <i>Pseudotolithus elongatus</i> | 805648 | | 808616 |
| | <i>Pseudotolithus senegalensis</i> | 805648 | Experimental analysis | |
| | <i>Pseudotolithus typus</i> | 805648 | Dipnoi | |
| | Serranidae | 807981 | <i>Protopterus</i> | 808975 |
| | Scombridae | 807981 | <i>Protopterus aethiopicus</i> | 808976 |
| | <i>Euthynnus pelamis</i> | 806460 | Teleostei | 808973 |
| | | 808711 | | |
| | <i>Scomberomorus cavalla</i> | 806942 | | |
| | <i>Scomberomorus maculatus</i> | 806942 | | |

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| Carangidae | 806318 | Scombridae | | Fishing and fisheries |
| Cichlidae | | <i>Thunnus albacares</i> | 808964 | (continued) |
| <i>Haplochromis</i> | 808969 | <i>Thunnus thynnus</i> | 808964 | |
| | 808975 | Cynoglossidae | 806752 | |
| | 808976 | Pleuronectidae | | |
| Scombridae | 806318 | <i>Hippoglossoides platessoides</i> | 807417 | |
| Cyprinidae | | <i>Lepidopsetta bilineata</i> | 807906 | |
| <i>Engraulicypris argenteus</i> | 808969 | <i>Parophrys vetulus</i> | 805945 | |
| Sonar observation | 808454 | Exocoetidae | | |
| Angling | | <i>Cypselurus opisthopus</i> | 804120 | |
| Scombridae | | Scomberosidae | | |
| <i>Scomberomorus cavalla</i> | 808184 | <i>Cololabis saira</i> | 807111 | |
| <i>Scomberomorus maculatus</i> | 808184 | Clupeidae | 806635 | |
| Experimental analysis | | Anguillidae | | |
| Gobiidae | | <i>Anguilla anguilla</i> | 807646 | |
| <i>Acanthogobius flavimanus</i> | 807156 | Characidae | | |
| Scombridae | | <i>Alestes jacksoni</i> | 808968 | |
| <i>Scomber japonicus</i> | 805422 | Catostomidae | 806635 | |
| Poison collecting | | Cyprinidae | 805868 | |
| Netting | | <i>Barbus kolus</i> | 808571 | |
| Teleostei | 808369 | <i>Laboe victorianus</i> | 808968 | |
| Electric shocking | | <i>Notemigonus crysoleucas</i> | 806635 | |
| Teleostei | 808666 | Ictaluridae | 806635 | |
| Anguillidae | | Schilbeidae | | |
| <i>Anguilla anguilla</i> | 808666 | <i>Schilbe mystus</i> | 808968 | |
| Shallow water observation | | Gadidae | | |
| Teleostei | 804979 | <i>Lota lota</i> | 806635 | |
| Feeding | | Bathylagidae | | |
| Embiotocidae | 804979 | <i>Bathylagus stibius</i> | 803881 | |
| Longlining | | Exocidae | 806635 | |
| Scombridae | | Umbidae | 806635 | |
| <i>Euthynnus</i> | 808156 | Myctophidae | | |
| <i>Thunnus</i> | 808156 | <i>Stenobranichius leucoparus</i> | 803881 | |
| Anoploplatidae | | <i>Triphurus mexicanus</i> | 803881 | |
| <i>Anoplopoma fimbria</i> | 807509 | Salmonidae | 806635 | |
| Scorpaenidae | | <i>Oncorhynchus gorbuscha</i> | 804218 | |
| <i>Sebastes aleutianus</i> | 807509 | <i>Oncorhynchus keta</i> | 804218 | |
| Macrouridae | 807509 | <i>Salmo trutta</i> | 806253 | |
| Moridae | | <i>Salvelinus alpinus</i> | 806253 | |
| <i>Antimora rostrata</i> | 807509 | Experimental analysis | 808516 | |
| Experimental analysis | | Teleostei | 804971 | |
| Squalidae | | Gadidae | | |
| <i>Squalus acanthias</i> | 806785 | <i>Gadus morhua</i> | 806554 | |
| Scombridae | | Salmonidae | | |
| <i>Thunnus</i> | 807283 | <i>Oncorhynchus gorbuscha</i> | 804220 | |
| | 807284 | <i>Oncorhynchus nerka</i> | 806434 | |
| <i>Thunnus alalunga</i> | 807990 | Age class distribution | 806434 | |
| <i>Thunnus albacares</i> | 807990 | Scombridae | | |
| <i>Thunnus obesus</i> | 807990 | <i>Thunnus albacares</i> | 808281 | |
| Pound netting | 808435 | Circadian rhythms | | |
| Bait fish | | Centrarchidae | | |
| Carangidae | | <i>Lepomis</i> | 808158 | |
| <i>Selar crumenophthalmus</i> | 805113 | <i>Micropterus salmoides</i> | 808158 | |
| Atherinidae | | Cichlidae | | |
| <i>Menidia extensa</i> | 807835 | <i>Cichlasoma tetraodon</i> | 808158 | |
| Clupeidae | 805113 | Maximum yield | | |
| <i>Dorosoma petenense</i> | 806460 | Experimental analysis | | |
| Engraulidae | 805113 | Pleuronectidae | | |
| <i>Cetengraulis mysticetus</i> | 808646 | <i>Hippoglossus stenolepis</i> | 808161 | |
| <i>Engraulis mordax</i> | 807892 | Fish conservation | | |
| <i>Stolephorus purpureus</i> | 806460 | Experimental analysis | | |
| Experimental analysis | | Salmonidae | | |
| Cichlidae | | <i>Oncorhynchus keta</i> | 806646 | |
| <i>Tilapia mossambica</i> | 806325 | Fry | | |
| Engraulidae | | Salmonidae | | |
| <i>Stolephorus purpureus</i> | 806325 | <i>Oncorhynchus keta</i> | 806646 | |
| Fishery statistics | | Netting | | |
| Teleostei | 807224 | Pleuronectidae | | |
| | 807236 | <i>Hippoglossus hippoglossus</i> | 805086 | |
| Fishing gear selectivity | 807127 | Salmonidae | | |
| | 807887 | <i>Oncorhynchus gorbuscha</i> | 805347 | |
| Amiomorpha | | <i>Oncorhynchus keta</i> | 805347 | |
| <i>Amia calva</i> | 806635 | <i>Oncorhynchus nerka</i> | 805347 | |
| Semionotomorpha | 806635 | <i>Salmo trutta</i> | 806254 | |
| Teleostei | 804078 | <i>Salvelinus alpinus</i> | 806254 | |
| Gasterosteidae | | Seining | | |
| <i>Gasterosteus aculeatus</i> | 806635 | Salmonidae | | |
| <i>Pungitius pungitius</i> | 806635 | <i>Oncorhynchus</i> | 805348 | |
| Gobiidae | | Seining | | |
| <i>Glossogobius giuris</i> | 808633 | Salmonidae | | |
| Branchiostegidae | | <i>Salmo trutta</i> | 806254 | |
| <i>Branchiostegus japonicus</i> | 804117 | <i>Salvelinus alpinus</i> | 806254 | |
| Cichlidae | | Trawling | | |
| <i>Haplochromis</i> | 808976 | Salmonidae | | |
| Percidae | | <i>Salmo trutta</i> | 806254 | |
| <i>Stizostedion vitreum</i> | 807178 | <i>Salvelinus alpinus</i> | 806254 | |
| Sciaenidae | 806752 | Experimental analysis | | |
| <i>Pseudotolithus elongatus</i> | 805648 | Carangidae | | |
| <i>Pseudotolithus senegalensis</i> | 805648 | <i>Trachurus mediterraneus</i> | 805902 | |
| <i>Pseudotolithus typus</i> | 805648 | Emmelichthyidae | | |
| Theraponidae | | <i>Maena maena</i> | 805902 | |
| <i>Therapon plumbeus</i> | 808633 | Mullidae | | |
| | | <i>Mullus barbatus</i> | 805902 | |

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| Fishing and fisheries (continued) | Sparidae | 805902 | Elasmobranchii | 805608 |
| | Trachinidae | | | 805673 |
| | <i>Trachinus</i> | 805902 | | 805819 |
| | Triglidae | | | 807224 |
| | <i>Trigla lyra</i> | 805902 | | 807225 |
| | Gadidae | 805902 | | 807236 |
| | Merlucciidae | | | 807996 |
| | <i>Merluccius merluccius</i> | 805902 | | 808310 |
| | Synodontidae | | | 808375 |
| | <i>Saurida tumbil</i> | 808306 | | 808385 |
| | Circadian rhythms | | | 808388 |
| | Merlucciidae | | | 808407 |
| | <i>Merluccius merluccius</i> | 808922 | | 808576 |
| | Angling | | | 808577 |
| | Salmonidae | | | 808599 |
| | <i>Salmo trutta</i> | 806254 | | 808715 |
| | <i>Salvelinus alpinus</i> | 806254 | | 809056 |
| | Gillnetting | | Rajidae | 807106 |
| | Centropomidae | | | 807910 |
| | <i>Lates niloticus</i> | 808305 | Carcharhinidae | 806222 |
| | Experimental analysis | | Squalidae | |
| | Salmonidae | | <i>Squalus acanthias</i> | 807914 |
| | <i>Oncorhynchus gorbuscha</i> | 807429 | | 808867 |
| | <i>Oncorhynchus nerka</i> | 807429 | Acipenseromorpha | 807910 |
| | Morphometrics | | | 808242 |
| | Netting | | | 808438 |
| | Percidae | | | 808622 |
| | <i>Perca flavescens</i> | 807516 | | 808624 |
| | Catostomidae | | <i>Acipenser fulvescens</i> | 807557 |
| | <i>Catostomus commersoni</i> | 807516 | <i>Polyodon spathula</i> | 808464 |
| | Salmonidae | | Teleostei | 805113 |
| | <i>Prosopium cylindraceum</i> | 807516 | | 805338 |
| Fishery dynamics | | 807127 | | 805608 |
| | | 807371 | | 805673 |
| | | 807792 | | 805819 |
| | | 807887 | | 806157 |
| | Teleostei | 806617 | | 807014 |
| | Percidae | | | 807028 |
| | <i>Stizostedion lucioperca</i> | 807707 | | 807224 |
| | Scombridae | | | 807225 |
| | <i>Euthynnus pelamis</i> | 804626 | | 807236 |
| | <i>Thunnus albacares</i> | 804317 | | 807701 |
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| | | 808401 | | 808029 |
| | <i>Thunnus obesus</i> | 804118 | | 808243 |
| | Cyprinidae | | | 808310 |
| | <i>Abramis brama</i> | 807707 | | 808385 |
| | Osmeridae | | | 808388 |
| | <i>Osmerus eperlanus</i> | 807707 | | 808407 |
| | Salmonidae | 806617 | | 808438 |
| | <i>Coregonus albus</i> | 807707 | | 808576 |
| | <i>Coregonus lavaretus</i> | 807707 | | 808599 |
| | <i>Oncorhynchus nerka</i> | 807378 | | 808630 |
| | | 807665 | | 808694 |
| | Population density | | | 808715 |
| | Maximum yield | | | 808755 |
| | Scombridae | | | 809056 |
| | <i>Thunnus albacares</i> | 808280 | Characiformes | 807263 |
| | Interspecific competition | | Channiformes | 808577 |
| | Maximum yield | | <i>Channa striatus</i> | 808631 |
| | Clupeidae | | Ammodontidae | 808375 |
| | <i>Sardinops sagax</i> | 807528 | Anabantoidei | 808242 |
| | Engraulidae | | Anarhichadidae | 806559 |
| | <i>Engraulis mordax</i> | 807528 | | 808375 |
| | Merlucciidae | | | 808622 |
| | <i>Merluccius productus</i> | 807528 | | 808624 |
| | Maximum yield | 807518 | <i>Anarhichas latifrons</i> | 807106 |
| | Regulation of catch | | <i>Anarhichas minor</i> | 807106 |
| | Angling | | Gobiidae | |
| | Serranidae | | <i>Chaenogobius isaza</i> | 807948 |
| | <i>Morone saxatilis</i> | 808713 | Labridae | |
| | Mathematical population models | | <i>Pimelometopon pulchrum</i> | 807190 |
| | Experimental analysis | 807359 | Mastacembelidae | |
| | Computer analysis | | <i>Mastacembelus armatus</i> | 808577 |
| | Population dynamics | 807854 | Mugiloidae | 808299 |
| | | 807855 | | 808576 |
| | Teleostei | 807840 | | 808577 |
| | Gadidae | | | 808631 |
| | <i>Gadus morhua</i> | 807840 | <i>Mugil</i> | 808305 |
| | Salmonidae | | <i>Mugil brasiliensis</i> | 805684 |
| | <i>Salvelinus fontinalis</i> | 807840 | <i>Mugil capito</i> | 806755 |
| | Mathematical population models | | | 808300 |
| | | 807854 | | 808301 |
| | Teleostei | 807840 | | 805684 |
| | | 807853 | <i>Mugil cephalus</i> | 806755 |
| | Gadidae | | | 808300 |
| | <i>Gadus morhua</i> | 807840 | | 808301 |
| | Merlucciidae | | <i>Mugil curema</i> | 806222 |
| | <i>Merluccius productus</i> | 807853 | <i>Mugil saliens</i> | 808300 |
| | Salmonidae | | | 806751 |
| | <i>Salvelinus fontinalis</i> | 807840 | Carangidae | 808576 |
| | Fishery statistics | 806174 | | 808577 |
| | | 807096 | | |

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|-----------------------------------|--------|------------------------------------|--------|-----------------------|
| <i>Caranx</i> | 807980 | <i>Pseudosciaena coibor</i> | 808586 | Fishing and fisheries |
| <i>Caranx fusus</i> | 808631 | <i>Pseudosciaena polyactis</i> | 804472 | (continued) |
| <i>Caranx ignobilis</i> | 806755 | <i>Pseudotolithus elongatus</i> | 805749 | |
| <i>Caranx lutescens</i> | 807014 | <i>Pseudotolithus senegalensis</i> | 805648 | Fishery statistics |
| <i>Chloroscombrus chrysurus</i> | 808363 | <i>Pseudotolithus typus</i> | 805648 | |
| <i>Seriola dorsalis</i> | 807980 | Serranidae | | |
| <i>Seriola dumerli</i> | 807190 | <i>Epinephelus</i> | 806222 | |
| <i>Trachurus symmetricus</i> | 807190 | <i>Epinephelus aeneus</i> | 805684 | |
| | 808311 | <i>Morone saxatilis</i> | 806755 | |
| | 808315 | <i>Paralabrax</i> | 804106 | |
| <i>Trachurus trachurus</i> | 807994 | <i>Stereolepis gigas</i> | 807190 | |
| | 807996 | Sillaginidae | 807190 | |
| | 808375 | <i>Sillago panijus</i> | 808569 | |
| Centropomidae | | | 808577 | |
| <i>Lates</i> | 807263 | | | |
| <i>Lates calcarifer</i> | 805113 | Sparidae | | |
| <i>Lates niloticus</i> | 808577 | <i>Boops boops</i> | 808308 | |
| | 805378 | <i>Chrysophrys auratus</i> | 808363 | |
| | 808305 | <i>Chrysophrys major</i> | 804799 | |
| Cheilodactylidae | | <i>Pagellus</i> | 807996 | |
| <i>Cheilodactylus macropterus</i> | 808363 | <i>Pagellus erythrinus</i> | 806755 | |
| Cichlidae | 805684 | | 808200 | |
| | 806755 | <i>Pagrus ehrenbergi</i> | 805684 | |
| | 808242 | | 806755 | |
| <i>Etioplos suratensis</i> | 808577 | <i>Sparus aurata</i> | 806755 | |
| <i>Haplochromis</i> | 808968 | <i>Stenotomus chrysops</i> | 807558 | |
| <i>Tilapia</i> | 807263 | Polynemoidei | 806751 | |
| | 808305 | | 808407 | |
| <i>Tilapia shirana</i> | 803650 | | 808576 | |
| <i>Tilapia zillii</i> | 808300 | | 808577 | |
| Coryphaenidae | | Istiophoridae | 806618 | |
| <i>Coryphaena</i> | 808576 | <i>Istiophorus platypterus</i> | 808279 | |
| <i>Coryphaena hippurus</i> | 807783 | <i>Makaira indica</i> | 808279 | |
| Emmelichthyidae | | <i>Makaira nigricans</i> | 806746 | |
| <i>Maena smaris</i> | 808200 | | 808279 | |
| | 808308 | <i>Tetrapterus albidus</i> | 806746 | |
| Ephippidae | | <i>Tetrapterus angustirostris</i> | 808279 | |
| <i>Drepane africana</i> | 806751 | <i>Tetrapterus auidax</i> | 808279 | |
| Gerreidae | | Scombridae | 806618 | |
| <i>Gerres setifer</i> | 808577 | | 807128 | |
| Kyphosidae | | | 808375 | |
| <i>Crenidens indicus</i> | 808577 | | 808576 | |
| Lactariidae | | | 808622 | |
| <i>Lactarius lactarius</i> | 808407 | | 808624 | |
| | 808576 | <i>Auxis thazard</i> | 805903 | |
| Leiognathidae | 808407 | <i>Euthynnus alletteratus</i> | 805903 | |
| <i>Gazza</i> | 808576 | | 807980 | |
| <i>Leiognathus</i> | 808576 | <i>Euthynnus pelamis</i> | 808278 | |
| Lutjanidae | 806751 | | 808282 | |
| <i>Lutjanus</i> | 806222 | | 808283 | |
| | 808631 | <i>Rastrelliger kanagurta</i> | 808364 | |
| <i>Lutjanus purpureus</i> | 806941 | <i>Sarda chiliensis</i> | 808407 | |
| Mullidae | 808407 | <i>Sarda sarda</i> | 807190 | |
| | 808576 | <i>Scomber japonicus</i> | 805903 | |
| <i>Mullus barbatus</i> | 805684 | | 803784 | |
| | 808200 | | 806755 | |
| Nemipteridae | | | 807190 | |
| <i>Nemipterus japonicus</i> | 805684 | | 808311 | |
| | 806755 | <i>Scomber scombrus</i> | 805327 | |
| Pentacerotidae | | | 808066 | |
| <i>Pentaceros richardsoni</i> | 808883 | | 808068 | |
| Percidae | 807557 | <i>Scomberomorus cavalla</i> | 808122 | |
| | 808242 | | 806942 | |
| <i>Perca flavescens</i> | 805641 | | 807980 | |
| | 807178 | | 808183 | |
| <i>Perca fluviatilis</i> | 807709 | | 808184 | |
| | 808458 | | 808187 | |
| <i>Stizostedion lucioperca</i> | 805446 | <i>Scomberomorus maculatus</i> | 808187 | |
| | 805805 | | 806942 | |
| | 807273 | | 807980 | |
| | 807646 | | 808183 | |
| | 808243 | | 808184 | |
| | 808458 | <i>Thunnus</i> | 808187 | |
| <i>Stizostedion vitreum</i> | 805641 | <i>Thunnus alalunga</i> | 806738 | |
| | 807178 | | 806746 | |
| Pomadasyidae | 806222 | | 807030 | |
| | 806751 | | 807031 | |
| <i>Pomadasys hasta</i> | 808407 | | 807190 | |
| | 808576 | | 807225 | |
| | | | 807994 | |
| Pomatomidae | | | 808279 | |
| <i>Pomatomus saltatrix</i> | 807980 | | 808364 | |
| Rachycentridae | | | 808365 | |
| <i>Rachycentron canadum</i> | 808576 | | 808652 | |
| Sciaenidae | 806222 | <i>Thunnus albacares</i> | 806746 | |
| | 808407 | | 807030 | |
| | 808576 | | 807031 | |
| | 806751 | | 808279 | |
| Sparidae | 808464 | | 808280 | |
| <i>Aplodinotus grunniens</i> | 807190 | | 808281 | |
| <i>Cynoscion nobilis</i> | 804304 | | 808282 | |
| <i>Cynoscion petranus</i> | 807190 | | 808283 | |
| <i>Genyonemus lineatus</i> | 806755 | | 808652 | |
| <i>Johnius hololepidotus</i> | 804305 | | | |
| <i>Macrodon ancylodon</i> | | | | |

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|--------------------------------------|-------------------------------------|--------|-------------------------------|--|--------|
| Fishing and fisheries (continued) | <i>Thunnus obesus</i> | 806746 | <i>Atherina</i> | | |
| | | 808279 | <i>Atherina mochon</i> | | 808300 |
| Fishery statistics | <i>Thunnus thynnus</i> | 808283 | Belonidae | | 808576 |
| | | 805903 | <i>Tylosurus strongylurus</i> | | 808577 |
| | | 805931 | Exocoetidae | | 808576 |
| | | 806746 | <i>Hemiramphus gaimardi</i> | | 808577 |
| | | 807031 | Chirocentridae | | |
| | | 807190 | <i>Chirocentrus</i> | | 808576 |
| | | 807225 | Clupeidae | | 806737 |
| | Trichiuridae | 808407 | | | 807201 |
| | | 808576 | | | 807910 |
| | <i>Trichiurus lepturus</i> | 808577 | | | 808242 |
| | | 807980 | | | 808576 |
| | Xiphiidae | | | | 808577 |
| | <i>Xiphius gladius</i> | 805903 | | | 808622 |
| | | 806618 | | | 808624 |
| | | 806746 | <i>Alosa kessleri</i> | | 807711 |
| | | 808279 | <i>Caspialosa kessleri</i> | | 807679 |
| | Sphyraenoidei | 808407 | <i>Clupea harengus</i> | | 805298 |
| | | 808576 | | | 805301 |
| | <i>Sphyraena argentea</i> | 807190 | | | 805302 |
| | <i>Sphyraena sphyraena</i> | 805684 | | | 805303 |
| | | 806755 | | | 805305 |
| | Centrolophidae | | | | 805306 |
| | <i>Hyperoglyphe japonica</i> | 808883 | | | 805308 |
| | Bothidae | 808375 | | | 805310 |
| | <i>Paralichthys californicus</i> | 807190 | | | 805311 |
| | | 808316 | | | 805314 |
| | Cynoglossidae | 806751 | | | 805315 |
| | | 808576 | | | 805316 |
| | Pleuronectidae | 805949 | | | 805318 |
| | | 807904 | | | 805319 |
| | | 807910 | | | 805321 |
| | | 807914 | | | 805322 |
| | | 808316 | | | 805644 |
| | | 808622 | | | 805645 |
| | | 808624 | | | 806432 |
| | <i>Hippoglossoides platessoides</i> | 808867 | | | 807920 |
| | | 807106 | | | 807922 |
| | <i>Hippoglossus hippoglossus</i> | 807417 | | | 808047 |
| | | 805086 | | | 808049 |
| | | 808073 | | | 808050 |
| | <i>Hippoglossus stenolepis</i> | 808126 | | | 808052 |
| | | 805644 | | | 808053 |
| | | 805645 | | | 808054 |
| | | 808159 | | | 808055 |
| | <i>Lepidopsetta bilineata</i> | 807906 | | | 808056 |
| | <i>Limanda aspera</i> | 804116 | | | 808059 |
| | <i>Limanda limanda</i> | 808077 | | | 808060 |
| | <i>Parophrys vetulus</i> | 805942 | | | 808062 |
| | | 805947 | | | 808101 |
| | <i>Platichthys flesus</i> | 805334 | | | 808102 |
| | | 808077 | | | 808103 |
| | <i>Pleuronectes platessa</i> | 805332 | | | 808105 |
| | | 808077 | | | 808106 |
| | <i>Reinhardtius hippoglossoides</i> | 807106 | | | 808108 |
| | Soleidae | 808407 | | | 808109 |
| | <i>Solea solea</i> | 808300 | | | 808110 |
| | | 808375 | | | 808111 |
| | Cottidae | | | | 808112 |
| | <i>Scorpaenichthys marmoratus</i> | 807190 | | | 808113 |
| | Cyclopteridae | | | | 808114 |
| | <i>Cyclopterus lumpus</i> | 808073 | | | 808116 |
| | Anoploplatidae | | | | 808117 |
| | <i>Anoplopoma fimbria</i> | 805947 | | | 808119 |
| | | 807190 | | | 808375 |
| | | 807910 | <i>Opisthonema</i> | | 808646 |
| | | 807914 | <i>Opisthonema oglinum</i> | | 804224 |
| | | 808316 | | | 806217 |
| | | 808867 | | | 807033 |
| | Hexagrammidae | 807910 | | | 807980 |
| | <i>Ophiodon elongatus</i> | 805947 | <i>Sardina pilchardus</i> | | 808298 |
| | | 807190 | | | 808308 |
| | | 807914 | <i>Sardinella</i> | | 806741 |
| | | 808316 | | | 808310 |
| | Scorpaenidae | 808867 | <i>Sardinella anchovia</i> | | 806217 |
| | | 805947 | | | 807030 |
| | | 807910 | <i>Sardinella aurita</i> | | 805684 |
| | | 808316 | | | 805925 |
| | | 808622 | | | 806755 |
| | | 808624 | <i>Sardinella eba</i> | | 805925 |
| | <i>Scorpaena guttata</i> | 807190 | <i>Sardinella longiceps</i> | | 807079 |
| | <i>Sebastes</i> | 807190 | | | 808407 |
| | | 807914 | | | 808573 |
| | | 808073 | | | 808598 |
| | | 808375 | <i>Sardinops sagax</i> | | 807528 |
| | | 808867 | | | 808311 |
| | <i>Sebastes alutus</i> | 808867 | | | 808319 |
| | <i>Sebastes marinus</i> | 808127 | <i>Sprattus sprattus</i> | | 805323 |
| | <i>Sebastes mentella</i> | 808127 | | | 805324 |
| | <i>Sebastes</i> | 805949 | | | 808065 |
| | Triglidae | | | | 808120 |
| | <i>Chelidonichthys kumu</i> | 808363 | | | 808430 |

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|-------------------------------------|--------|---------------------------------|--------|-----------------------|
| Engraulidae | 808576 | Bregmacrotidae | | Fishing and fisheries |
| | 808577 | <i>Bregmaceros maclellandi</i> | 808407 | (continued) |
| <i>Cetengraulis edentulus</i> | 806217 | | 808576 | |
| <i>Cetengraulis mysticetus</i> | 808282 | Gadidae | 807106 | |
| | 808646 | | 807910 | |
| <i>Engraulis mordax</i> | 807528 | | 808375 | Fishery statistics |
| | 807888 | | 808622 | |
| | 807889 | | 808624 | |
| | 808311 | <i>Gadus macrocephalus</i> | 807914 | |
| <i>Engraulis ringens</i> | 808167 | | 808867 | |
| | 808380 | <i>Gadus morhua</i> | 805269 | |
| | 808382 | | 805274 | |
| | 808389 | | 805277 | |
| Anguilliformes | 808407 | | 805278 | |
| | 808576 | | 807541 | |
| Anguillidae | 808242 | | 807926 | |
| | 808622 | | 808033 | |
| | 808624 | | 808086 | |
| <i>Anguilla anguilla</i> | 807646 | | 808087 | |
| | 808243 | | 808088 | |
| | 808300 | <i>Melanogrammus aeglefinus</i> | 805274 | |
| | 808301 | | 807916 | |
| | 808305 | | 808090 | |
| | 808375 | | 808093 | |
| | 808671 | | 808094 | |
| Muraenesocidae | 808407 | | 808095 | |
| <i>Muraenesox talabonoides</i> | 808576 | | 808096 | |
| Megalopidae | | <i>Merlangius merlangus</i> | 808098 | |
| <i>Megalops atlantica</i> | 807980 | | 808099 | |
| Anostomidae | | | 808100 | |
| <i>Suprasirolepichthys laticeps</i> | 806222 | <i>Molva dypterygia</i> | 805084 | |
| Characidae | | <i>Molva molva</i> | 805084 | |
| <i>Alestes macrophthalmus</i> | 804392 | <i>Trisopterus luscus</i> | 807996 | |
| Prochilodontidae | | Merlucciidae | 807910 | |
| <i>Prochilodus reticulatus</i> | 806222 | <i>Merluccius bilinearis</i> | 808622 | |
| Catostomidae | | | 808624 | |
| <i>Carpiodes carpio</i> | 808464 | <i>Merluccius merluccius</i> | 805684 | |
| <i>Ictiobus bubalus</i> | 808464 | | 806755 | |
| <i>Ictiobus cyprinellus</i> | 808464 | | 807996 | |
| Cyprinidae | 805684 | | 808297 | |
| | 806755 | | 808308 | |
| | 808242 | | 808375 | |
| | 808577 | <i>Merluccius productus</i> | 807528 | |
| <i>Abramis brama</i> | 807646 | | 808316 | |
| | 807709 | Zoarcidae | | |
| <i>Barbus barbus</i> | 804074 | <i>Lycodes</i> | 807106 | |
| <i>Barbus brynni</i> | 808305 | Lophiidae | | |
| <i>Barbus paludinosus</i> | 803650 | <i>Lophius piscatorius</i> | 808375 | |
| <i>Cyprinus carpio</i> | 808243 | Chanidae | | |
| | 808301 | <i>Chanos chanos</i> | 808631 | |
| | 808458 | Esocidae | 808242 | |
| | 808464 | <i>Esox lucius</i> | 807200 | |
| <i>Leuciscus idus</i> | 807200 | | 808243 | |
| <i>Rutilus rutilus</i> | 808458 | Saigidae | 808458 | |
| <i>Tinca tinca</i> | 808243 | <i>Salangichthys microdon</i> | 806646 | |
| | 808301 | Harpadontidae | | |
| <i>Vimba vimba</i> | 807646 | <i>Harpadon nehereus</i> | 806064 | |
| Siluriformes | 807263 | | 808407 | |
| | 808242 | | 808576 | |
| | 808576 | | 808577 | |
| Ariidae | 806751 | Synodontidae | | |
| | 808577 | <i>Saurida undosquamis</i> | 805684 | |
| <i>Arius</i> | 804552 | | 806755 | |
| <i>Arius spixi</i> | 806222 | <i>Sauridab</i> | 808576 | |
| Bagridae | 808577 | Osmeridae | 808622 | |
| <i>Bagrus bayad</i> | 808305 | | 808624 | |
| Clariidae | | <i>Hypomesus olidus</i> | 806646 | |
| <i>Clarias</i> | 808305 | <i>Mallofus villosus</i> | 808073 | |
| <i>Clarias batrachus</i> | 808631 | | 808375 | |
| <i>Clarias lazera</i> | 805684 | Salmonidae | 803538 | |
| | 806755 | | 804309 | |
| <i>Clarias mossambicus</i> | 803650 | | 805641 | |
| Ictaluridae | | | 805644 | |
| <i>Ictalurus punctatus</i> | 808464 | | 805645 | |
| Mochokidae | | | 806175 | |
| <i>Synodontis</i> | 808305 | | 807190 | |
| Pangasiidae | | | 807201 | |
| <i>Pangasius pangasius</i> | 808572 | | 808242 | |
| | 807577 | | 808622 | |
| Plotosidae | | | 808624 | |
| <i>Plotosus canius</i> | 808577 | <i>Coregonus</i> | 808243 | |
| Schilbeidae | | <i>Coregonus autumnalis</i> | 807747 | |
| <i>Clupisoma garua</i> | 808577 | <i>Coregonus clupeaformis</i> | 807557 | |
| Siluridae | | <i>Oncorhynchus</i> | 803793 | |
| <i>Silurus glanis</i> | 808458 | <i>Oncorhynchus gorbischa</i> | 805678 | |
| <i>Wallagonia attu</i> | 808577 | <i>Oncorhynchus keta</i> | 808790 | |
| Sisoridae | | <i>Oncorhynchus masou</i> | 805678 | |
| <i>Bagarius bagarius</i> | 808577 | <i>Oncorhynchus nerka</i> | 806647 | |
| Gymnarchidae | | <i>Oncorhynchus tshawytscha</i> | 808658 | |
| <i>Gymnarchus niloticus</i> | 807263 | <i>Salmo</i> | 808243 | |
| Osteoglossidae | | <i>Salmo gairdneri</i> | 803793 | |
| <i>Heterotis niloticus</i> | 807263 | | | |

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|--------------------------------------|------------------------------|--------|--------------------------------------|--------|
| Fishing and fisheries (continued) | <i>Salmo salar</i> | 805328 | <i>Paralabrax clathratus</i> | 807229 |
| | | 805330 | | 807232 |
| | | 807356 | <i>Stereolepis gigas</i> | 807190 |
| | | 808071 | Scombridae | |
| | | 808125 | <i>Sarda chiliensis</i> | 807190 |
| | | 808375 | <i>Scomber japonicus</i> | 807190 |
| | <i>Salmo trutta</i> | 806036 | <i>Thunnus alalunga</i> | 807190 |
| | | 806414 | <i>Thunnus thynnus</i> | 807190 |
| | <i>Salvelinus fontinalis</i> | 806034 | Sphyraenoidae | |
| | | 806036 | <i>Sphyræna argentea</i> | 807190 |
| | <i>Stenodus leucichthys</i> | 806835 | | 807232 |
| Fry | | | Bothidae | |
| Mugiloidae | | | <i>Paralichthys californicus</i> | 807190 |
| <i>Mugil</i> | 806893 | | Pleuronectidae | 807190 |
| Chanidae | | | Cottidae | |
| <i>Chanos chanos</i> | 806893 | | <i>Scorpaenichthys marmoratus</i> | 807190 |
| Age class distribution | | | Anoplopomatidae | |
| Serranidae | | | <i>Anoplopoma fimbria</i> | 807190 |
| <i>Epinephelus morio</i> | 806260 | | Hexagrammidae | |
| Bait fish | | | <i>Ophiodon elongatus</i> | 807190 |
| Engraulidae | | | Scorpenidae | |
| <i>Engraulis mordax</i> | 807892 | | <i>Scorpaena guttata</i> | 807190 |
| Angling | | | <i>Sebastes</i> | 807190 |
| Elasmobranchii | 807235 | | Cyprinidae | |
| Teleostei | 807235 | | <i>Cyprinus carpio</i> | 808464 |
| Labridae | | | Ictaluridae | |
| <i>Tautoga onitis</i> | 807563 | | <i>Ictalurus melas</i> | 808464 |
| Mathematical population models | | | <i>Ictalurus natalis</i> | 807807 |
| Computer analysis | | | <i>Ictalurus punctatus</i> | 807807 |
| Gadidae | | | | 808464 |
| <i>Gadus morhua</i> | 808928 | | Hiodontidae | |
| Sampling in fisheries | | | <i>Hiodon alosoides</i> | 808464 |
| | 807127 | | Gadidae | |
| | 807371 | | <i>Lota lota</i> | 808464 |
| Coryphaenidae | | | Esocidae | |
| <i>Coryphaena hippurus</i> | 807783 | | <i>Esox lucius</i> | 804524 |
| Seasonal changes | | | | 807895 |
| Cyprinidae | | | | 808464 |
| <i>Rutilus rutilus</i> | 807673 | | Salmonidae | 805990 |
| Maximum yield | | | | 807190 |
| Standing crop | | | | 807224 |
| Squalidae | | | | 807236 |
| <i>Squalus acanthias</i> | 807470 | | <i>Oncorhynchus kisutch</i> | 807838 |
| Pleuronectidae | 807470 | | | 808526 |
| Anoplopomatidae | | | <i>Oncorhynchus tshawytscha</i> | 807838 |
| <i>Anoplopoma fimbria</i> | 807470 | | <i>Salmo gairdneri</i> | 806172 |
| Scorpenidae | | | | 807778 |
| <i>Sebastes alutus</i> | 807470 | | | 808526 |
| Gadidae | | | <i>Salmo salar</i> | 807445 |
| <i>Gadus macrocephalus</i> | 807470 | | | 807800 |
| <i>Theragra chalcogramma</i> | 807470 | | | 807913 |
| Merlucciidae | | | Distribution | 808735 |
| <i>Merluccius productus</i> | 807470 | | | |
| Creel census | | | Natural mortality | 807127 |
| Elasmobranchii | 807225 | | | 807371 |
| | 807235 | | | 807792 |
| Acipenseromorpha | | | | 807887 |
| <i>Polyodon spathula</i> | 808464 | | Percidae | |
| Teleostei | 807188 | | <i>Stizostedion vitreum</i> | 807178 |
| | 807224 | | | 808882 |
| | 807225 | | Sciaenidae | |
| | 807232 | | <i>Aplodinotus grunniens</i> | 806166 |
| | 807235 | | <i>Cynoscion petranus</i> | 804304 |
| | 807236 | | <i>Pseudotolithus elongatus</i> | 805648 |
| Labridae | | | <i>Pseudotolithus senegalensis</i> | 805648 |
| <i>Pimelometopon pulchrum</i> | 807190 | | <i>Pseudotolithus typus</i> | 805648 |
| <i>Tautoga onitis</i> | 807563 | | Serranidae | |
| Carangidae | | | <i>Serranus gigas</i> | 808309 |
| <i>Seriola dorsalis</i> | 807190 | | Scombridae | |
| | 807232 | | <i>Euthynnus pelamis</i> | 803621 |
| <i>Trachurus symmetricus</i> | 807190 | | <i>Scomber scombrus</i> | 805327 |
| Centrarchidae | | | <i>Scomberomorus cavalla</i> | 808187 |
| <i>Lepomis cyanellus</i> | 807807 | | <i>Scomberomorus maculatus</i> | 808187 |
| <i>Lepomis gibbosus</i> | 805990 | | <i>Thunnus albacares</i> | 804317 |
| <i>Lepomis macrochirus</i> | 807807 | | Pleuronectidae | |
| | 808464 | | <i>Hippoglossoides platessoides</i> | 807417 |
| <i>Lepomis microlophus</i> | 807807 | | <i>Hippoglossus hippoglossus</i> | 805331 |
| <i>Micropterus salmoides</i> | 807807 | | <i>Lepidopsetta bilineata</i> | 807906 |
| | 807810 | | <i>Parophrys vetulus</i> | 805945 |
| | 808464 | | | 805946 |
| <i>Pomoxis annularis</i> | 808464 | | <i>Pseudopleuronectes americanus</i> | 807859 |
| <i>Pomoxis nigromaculatus</i> | 808464 | | Clupeidae | |
| Coryphaenidae | | | <i>Brevoortia tyrannus</i> | 805075 |
| <i>Coryphaena hippurus</i> | 807783 | | <i>Sprattus sprattus</i> | 808459 |
| Percidae | | | Engraulidae | |
| <i>Perca flavescens</i> | 808464 | | <i>Cetengraulis mysticetus</i> | 808646 |
| <i>Stizostedion canadense</i> | 808464 | | <i>Engraulis ringens</i> | 808389 |
| <i>Stizostedion vitreum</i> | 808464 | | Pangasiidae | |
| Sciaenidae | | | <i>Pangasius pangasius</i> | 808572 |
| <i>Aplodinotus grunniens</i> | 808464 | | Gadidae | |
| <i>Cynoscion nobilis</i> | 807190 | | <i>Gadus morhua</i> | 807541 |
| <i>Genyonemus lineatus</i> | 807190 | | Merlucciidae | |
| Serranidae | | | <i>Merluccius merluccius</i> | 808297 |
| <i>Paralabrax</i> | 807190 | | | |

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|---------------------------------|--------|--------------------------------------|--------|-----------------------|
| Zoaridae | | Change with age | | Fishing and fisheries |
| <i>Lycodopsis pacifica</i> | 807500 | Gobiidae | | (continued) |
| Argentinidae | | <i>Chenogobius isaza</i> | 807948 | |
| <i>Argentina sphyraena</i> | 803868 | Geographic variation | | |
| Esocidae | | Gadidae | | |
| <i>Esox lucius</i> | 808802 | <i>Merlangius merlangus</i> | 807104 | |
| Salmonidae | 806617 | Reservoirs | | |
| <i>Coregonus autumnalis</i> | 807747 | Salmonidae | 806171 | |
| <i>Oncorhynchus gorbuscha</i> | 806411 | Migrations | | |
| <i>Oncorhynchus kisutch</i> | 807858 | Salmonidae | | |
| <i>Oncorhynchus tshawytscha</i> | 808658 | <i>Oncorhynchus gorbuscha</i> | 808923 | |
| <i>Salmo gairdneri</i> | 804234 | <i>Oncorhynchus nerka</i> | 808923 | |
| <i>Salmo salar</i> | 807440 | Insecticide pollutants | | |
| <i>Salmo trutta</i> | 804830 | Fry | | |
| | 806036 | Salmonidae | | |
| <i>Salvelinus alpinus</i> | 806989 | <i>Oncorhynchus kisutch</i> | 806532 | |
| <i>Salvelinus fontinalis</i> | 804234 | Marking and tagging | | |
| | 806034 | Salmonidae | | |
| | 806036 | <i>Salmo trutta</i> | 806253 | |
| Experimental analysis | | <i>Salvelinus alpinus</i> | 806253 | |
| Outdoor census and sampling | | Captive vs natural fishes | | |
| Salmonidae | | Juvenile | | |
| <i>Salmo salar</i> | 807459 | Salmonidae | | |
| Egg | | <i>Oncorhynchus masou</i> | 804953 | |
| Percidae | | Napthenic growth substance | | |
| <i>Stizostedion canadense</i> | 804525 | Larva | | |
| Clupeidae | | Experimental analysis | | |
| <i>Clupea harengus</i> | 806555 | Cyprinidae | | |
| Gadidae | | <i>Cyprinus carpio</i> | 807650 | |
| <i>Gadus morhua</i> | 805281 | Winter | | |
| Larva | | Seasonal changes | | |
| Cyprinidae | | Salmonidae | | |
| <i>Abramis brama</i> | 804433 | <i>Salvelinus fontinalis</i> | 807438 | |
| <i>Leuciscus idus</i> | 804433 | | | |
| <i>Rutilus rutilus</i> | 804433 | Fishing mortality | 807127 | |
| Fry | | | 807792 | |
| Salmonidae | | Teleostei | 807887 | |
| <i>Oncorhynchus gorbuscha</i> | 804644 | Anathichadidae | 809056 | |
| Young | | Percidae | 806559 | |
| Cyprinidae | | <i>Perca flavescens</i> | 803627 | |
| <i>Abramis brama</i> | 804433 | <i>Stizostedion canadense</i> | 808795 | |
| <i>Leuciscus idus</i> | 804433 | Sciaenidae | | |
| <i>Rutilus rutilus</i> | 804433 | <i>Cynoscion petranus</i> | 804304 | |
| Developing egg | | <i>Macrodon ancylodon</i> | 804305 | |
| Clupeidae | | <i>Pseudosciaena coibor</i> | 808586 | |
| <i>Clupea harengus</i> | 808916 | Serranidae | | |
| Larva | | <i>Epinephelus morio</i> | 806260 | |
| Serranidae | | Sparidae | | |
| <i>Morone mississippiensis</i> | 809041 | <i>Chrysophrys major</i> | 804799 | |
| Salmonidae | 806016 | <i>Pagrus major</i> | 805625 | |
| <i>Oncorhynchus gorbuscha</i> | 806022 | Scombridae | | |
| <i>Oncorhynchus keta</i> | 806022 | <i>Euthynnus pelamis</i> | 803621 | |
| Young | | | 808278 | |
| Salmonidae | | <i>Scomber scombrus</i> | 805327 | |
| <i>Oncorhynchus</i> | 807696 | <i>Scomberomorus cavalla</i> | 808187 | |
| Juvenile | | <i>Scomberomorus maculatus</i> | 808187 | |
| Salmonidae | | <i>Thunnus albacares</i> | 804317 | |
| <i>Oncorhynchus</i> | 808657 | Pleuronectidae | | |
| Seasonal changes | | <i>Hippoglossoides platessoides</i> | 807417 | |
| Clupeidae | | <i>Hippoglossus hippoglossus</i> | 805331 | |
| <i>Sprattus sprattus</i> | 808307 | <i>Lepidopsetta bilineata</i> | 807906 | |
| Hydrostatics | | <i>Pseudopleuronectes americanus</i> | 807859 | |
| Pleuronectidae | | <i>Reinhardtius hippoglossoides</i> | 807106 | |
| <i>Platichthys flesus</i> | 807322 | Clupeidae | | |
| Engraulidae | | <i>Clupea harengus</i> | 807733 | |
| <i>Engraulis encrasicolus</i> | 807322 | Engraulidae | | |
| Larva | | <i>Engraulis ringens</i> | 808167 | |
| Clupeidae | | | 808389 | |
| <i>Clupea harengus</i> | 805301 | Pangasiidae | | |
| Salmonidae | | <i>Pangasius pangasius</i> | 808572 | |
| <i>Oncorhynchus keta</i> | 807669 | Gadidae | | |
| Critical period | | <i>Gadus morhua</i> | 807541 | |
| Larva | | Merlucciidae | | |
| Teleostei | 809081 | <i>Merluccius merluccius</i> | 808297 | |
| Fry | | Salmonidae | | |
| Salmonidae | | <i>Oncorhynchus kisutch</i> | 807858 | |
| <i>Oncorhynchus nerka</i> | 807355 | <i>Oncorhynchus tshawytscha</i> | 806617 | |
| Juvenile | | | 808658 | |
| Salmonidae | 806035 | <i>Salmo gairdneri</i> | 804234 | |
| Young | | | 806172 | |
| Salmonidae | | <i>Salmo trutta</i> | 806036 | |
| <i>Oncorhynchus nerka</i> | 807759 | <i>Salvelinus fontinalis</i> | 804234 | |
| Juvenile | | | 806036 | |
| Gadidae | | Effect on fish | | |
| <i>Gadus morhua</i> | 806783 | Selection effects | | |
| Salmonidae | | <i>Acipenseromorpha</i> | 805087 | |
| <i>Salmo salar</i> | 806029 | Teleostei | 805087 | |
| <i>Salmo trutta</i> | 806029 | Natural mortality | | |
| <i>Salvelinus fontinalis</i> | 806030 | Sciaenidae | | |
| Reservoirs | | <i>Pseudotolithus senegalensis</i> | 806750 | |
| Salmonidae | | Productivity | | |
| <i>Oncorhynchus tshawytscha</i> | 806170 | Computer analysis | 807353 | |

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|-----------------------------------|-------------------------------------|--------|--------------------------------------|--|--------|
| Fishing and fisheries (continued) | Recruitment | 807127 | Gadidae | | |
| | Teleostei | 807887 | <i>Gadus macrocephalus</i> | | 807470 |
| | Gobiidae | 807707 | <i>Theragra chalcogramma</i> | | 807470 |
| | <i>Chaenogobius isaza</i> | 807948 | Merlucciidae | | |
| | Sciaenidae | | <i>Merluccius productus</i> | | 807470 |
| | <i>Pseudotolithus elongatus</i> | 805648 | Maximum yield | | 807127 |
| | <i>Pseudotolithus senegalensis</i> | 805648 | | | 807371 |
| | <i>Pseudotolithus typus</i> | 805648 | Teleostei | | 807792 |
| | Sparidae | | Percidae | | 808755 |
| | <i>Pagrus major</i> | 805625 | <i>Stizostedion lucioperca</i> | | 803801 |
| | | 805627 | | | 807273 |
| | Scombridae | | | | 807707 |
| | <i>Thunnus albacares</i> | 804317 | Pleuronectidae | | |
| | <i>Thunnus obesus</i> | 804118 | <i>Eopsetta jordani</i> | | 808316 |
| | Pleuronectidae | | <i>Hippoglossoides platessoides</i> | | 807417 |
| | <i>Hippoglossoides platessoides</i> | 807417 | <i>Microstomus pacificus</i> | | 808316 |
| | <i>Hippoglossus stenolepis</i> | 808159 | <i>Parophrys vetulus</i> | | 805946 |
| | <i>Lepidopsetta bilineata</i> | 807906 | | | 808316 |
| | <i>Pleuronectes platessa</i> | 804331 | <i>Pseudopleuronectes americanus</i> | | 807859 |
| | <i>Reinhardtius hippoglossoides</i> | 807106 | Anoplopomatidae | | |
| | Clupeidae | | <i>Anoplopoma fimbria</i> | | 808316 |
| | <i>Clupea harengus</i> | 805098 | Hexagrammidae | | |
| | | 805301 | <i>Ophiodon elongatus</i> | | 808316 |
| | <i>Clupeonella delicatula</i> | 807732 | Scorpaenidae | | 808316 |
| | <i>Sardinella aurita</i> | 808012 | Clupeidae | | |
| | <i>Sardinella eba</i> | 808012 | <i>Clupea harengus</i> | | 807733 |
| | Cyprinidae | | Engraulidae | | |
| | <i>Abramis brama</i> | 807238 | <i>Engraulis ringens</i> | | 805574 |
| | Ariidae | | Cyprinidae | | |
| | <i>Arius heudeloti</i> | 804552 | <i>Abramis brama</i> | | 807707 |
| | Gadidae | | <i>Cyprinus carpio</i> | | 807273 |
| | <i>Gadus morhua</i> | 805098 | Osmeridae | | |
| | <i>Melanogrammus aeglefinus</i> | 805287 | <i>Osmerus eperlanus</i> | | 807707 |
| | <i>Merlangius merlangus</i> | 807104 | Salmonidae | | |
| | Salmonidae | | <i>Coregonus albus</i> | | 807707 |
| | <i>Oncorhynchus nerka</i> | 807378 | <i>Coregonus autumnalis</i> | | 807747 |
| | | 807665 | <i>Coregonus lavaretus</i> | | 807707 |
| | <i>Salmo salar</i> | 807708 | <i>Oncorhynchus nerka</i> | | 808659 |
| | Maximum yield | | Experimental analysis | | |
| | Computer analysis | 808868 | Poeciliidae | | |
| | Standing crop | 806174 | <i>Poecilia reticulata</i> | | 808928 |
| | Heterodontiformes | | Fishing gear selectivity | | |
| | <i>Heterodontus francisci</i> | 807228 | Pleuronectidae | | |
| | Teleostei | 806162 | <i>Hippoglossus stenolepis</i> | | 808161 |
| | | 807228 | Fishery dynamics | | |
| | | 808653 | Mathematical growth analysis | | 807493 |
| | Clinidae | 807228 | Recruitment | | |
| | Labridae | 807228 | Computer analysis | | 808868 |
| | Centrarchidae | | Outdoor census and sampling | | |
| | <i>Lepomis macrochirus</i> | 806162 | Pleuronectidae | | 807470 |
| | <i>Micropterus salmoides</i> | 806162 | Anoplopomatidae | | |
| | Embiotocidae | 807228 | <i>Anoplopoma fimbria</i> | | 807470 |
| | Percidae | 807668 | Scorpaenidae | | |
| | Pomacentridae | 807228 | <i>Sebastes alutus</i> | | 807470 |
| | Serranidae | | Gadidae | | |
| | <i>Paralabrax clathratus</i> | 807229 | <i>Gadus macrocephalus</i> | | 807470 |
| | Scorpaenidae | 807228 | <i>Theragra chalcogramma</i> | | 807470 |
| | Clupeidae | | Merlucciidae | | |
| | <i>Dorosoma cepedianum</i> | 806162 | <i>Merluccius productus</i> | | 807470 |
| | <i>Dorosoma petenense</i> | 806168 | Mathematical population models | | |
| | Anguilliformes | 808653 | | | 807518 |
| | Cyprinidae | 807668 | Clupeidae | | |
| | <i>Abramis brama</i> | 807709 | <i>Sardinops sagax</i> | | 807528 |
| | Myctophidae | 808653 | Engraulidae | | |
| | Salmonidae | | <i>Engraulis mordax</i> | | 807528 |
| | <i>Salmo gairdneri</i> | 807775 | Merlucciidae | | |
| | <i>Salmo salar</i> | 805976 | <i>Merluccius productus</i> | | 807528 |
| | <i>Salmo trutta</i> | 805976 | Computer analysis | | |
| | | 807775 | Teleostei | | 807840 |
| | <i>Salvelinus fontinalis</i> | 806034 | Scombridae | | |
| | | 806972 | <i>Euthynnus pelamis</i> | | 807854 |
| | | 807775 | <i>Thunnus obesus</i> | | 807854 |
| | | 807801 | Gadidae | | |
| | Gonostomatidae | 808653 | <i>Gadus morhua</i> | | 807840 |
| | Fry | | Salmonidae | | |
| | Fast flowing streams | | <i>Salvelinus fontinalis</i> | | 807840 |
| | Salmonidae | | Productivity | | 803740 |
| | <i>Salmo salar</i> | 808149 | | | 804194 |
| | Reservoirs | | | | 804297 |
| | Change with age | | | | 804952 |
| | | 806164 | | | 806483 |
| | Clupeidae | 806164 | Teleostei | | |
| | Cyprinidae | | | | 807371 |
| | <i>Cyprinus carpio</i> | 806164 | | | 805509 |
| | Computer analysis | 806164 | | | 806129 |
| | Clupeidae | 806164 | | | 806132 |
| | Outdoor census and sampling | | | | 806160 |
| | Pleuronectidae | 807470 | | | 806175 |
| | Anoplopomatidae | | | | 807193 |
| | <i>Anoplopoma fimbria</i> | 807470 | | | 807222 |
| | Scorpaenidae | | | | 807701 |
| | <i>Sebastes alutus</i> | 807470 | | | 807707 |
| | | | | | 808157 |
| | | | | | 808158 |

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|--------------------------------|--------|-------------------------------------|--------|-----------------------|
| | 808308 | Artificial fertilization | | Fishing and fisheries |
| | 808319 | Littoral zone | | (continued) |
| | 808414 | Elasmobranchii | 808192 | |
| | 808630 | Teleostei | 808192 | |
| Gasterosteidae | | Captive vs natural fishes | | |
| <i>Gasterosteus aculeatus</i> | 807275 | Spawning channels | | |
| Centrarchidae | | Salmonidae | | |
| <i>Lepomis macrochirus</i> | 806162 | <i>Oncorhynchus nerka</i> | 808925 | |
| <i>Micropterus salmoides</i> | 806162 | Hatchery productivity | | |
| Percidae | | Salmonidae | | |
| <i>Stizostedion vitreum</i> | 807178 | <i>Oncorhynchus nerka</i> | 808925 | |
| Cottidae | | Desert waters | | |
| <i>Cottus gobio</i> | 806033 | Teleostei | 804468 | |
| <i>Cottus perplexus</i> | 806992 | Lake and stream surveys | | |
| Clupeidae | | Teleostei | 808414 | |
| <i>Dorosoma cepedianum</i> | 806162 | Fisheries improvement | 803740 | |
| Engraulidae | | | 805078 | |
| <i>Engraulis ringens</i> | 805574 | | 805079 | |
| | 807704 | | 805081 | |
| Anguillidae | | | 806114 | |
| <i>Anguilla anguilla</i> | 806814 | | 806155 | |
| Characidae | | | 806156 | |
| <i>Alestes macrophthalmus</i> | 804392 | | 806177 | |
| Cyprinidae | | | 806439 | |
| <i>Cyprinus carpio</i> | 806162 | | 807096 | |
| | 806814 | | 807792 | |
| Esocidae | | | 807793 | |
| <i>Esox lucius</i> | 807870 | | 807822 | |
| Plecoglossidae | | | 807887 | |
| <i>Plecoglossus altivelis</i> | 806031 | | 808448 | |
| Salmonidae | 806016 | | 808455 | |
| | 806035 | | | |
| <i>Oncorhynchus gorbusha</i> | 804644 | Petromyzontomorpha | 807755 | |
| | 806022 | <i>Caspiomyzon wagneri</i> | 807983 | |
| <i>Oncorhynchus keta</i> | 806022 | Elasmobranchii | 805360 | |
| <i>Oncorhynchus kisutch</i> | 806024 | Teleostei | 805661 | |
| <i>Oncorhynchus nerka</i> | 806105 | | 806123 | |
| | 806617 | | 806150 | |
| | 807275 | | 806151 | |
| | 807424 | | 806152 | |
| | 807665 | | 806153 | |
| | 807759 | | 806154 | |
| | 808659 | | 806158 | |
| <i>Salmo clarki</i> | 806992 | | 806175 | |
| <i>Salmo gairdneri</i> | 806105 | | 806739 | |
| <i>Salmo salar</i> | 806029 | | 806813 | |
| <i>Salmo trutta</i> | 805813 | | 807707 | |
| | 806029 | | 807983 | |
| | 806033 | | 808158 | |
| <i>Salvelinus alpinus</i> | 806989 | | 808214 | |
| <i>Salvelinus fontinalis</i> | 806034 | | 808300 | |
| | 806972 | | 808319 | |
| <i>Salvelinus malma</i> | 807275 | | 808438 | |
| Experimental analysis | | | 808458 | |
| Salmonidae | | | 808613 | |
| <i>Oncorhynchus kisutch</i> | 806032 | | 809056 | |
| <i>Salmo gairdneri</i> | 806032 | | 809099 | |
| Fecundity | | | 808301 | |
| Cyprinidae | | Mugiloidae | 806173 | |
| <i>Abramis brama</i> | 807648 | Centrarchidae | 807807 | |
| Marine environment | 808754 | <i>Micropterus salmoides</i> | 807746 | |
| | 808755 | Percidae | | |
| Lakes | 806174 | Serranidae | | |
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| Experimental analysis | 807819 | Sparidae | | |
| Eutrophic lakes | | <i>Eynniss japonica</i> | 805626 | |
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| Lotic waters | 806174 | <i>Euthynnus pelamis</i> | 804626 | |
| Teleostei | 807913 | | 808278 | |
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| <i>Thunnus albacares</i> | 808282 | | 808313 | |
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| <i>Salvelinus alpinus</i> | 809034 | | 807709 | |
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| | <i>Coregonus autumnalis</i> | 807747 |
| | <i>Coregonus peled</i> | 807668 |
| | <i>Oncorhynchus nerka</i> | 807759 |
| | <i>Salmo gairdneri</i> | 806172 |
| | <i>Salmo trutta</i> | 807792 |
| | <i>Salvelinus fontinalis</i> | 807792 |
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| | Teleostei | 807234 |
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| <i>Esox lucius</i> | 807709 |
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| <i>Oncorhynchus nerka</i> | 805641 |
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| Teleostei | 806114 |
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| Substratum | |
| Reproduction | |
| Cyprinidae | 808249 |
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| | 806152 | Clupeidae | | |
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| Dams and barriers | | <i>Osmerus eperianus</i> | 807198 | |
| Acipenseromorpha | | Predator control | | |
| <i>Acipenser gueldenstaedti</i> | 807727 | Teleostei | 806114 | |
| Experimental analysis | | Characidae | 807830 | |
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| Clupeidae | 808872 | Mammalia | | |
| Young | | Teleostei | 808874 | |
| Salmonidae | | Fish control agents | | |
| <i>Oncorhynchus</i> | 804672 | Petromyzontomorpha | | |
| <i>Salmo gairdneri</i> | 804672 | <i>Petromyzon marinus</i> | 807537 | |
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| Salmonidae | 806175 | <i>Psychocheilus oregonensis</i> | 807868 | |
| <i>Oncorhynchus tshawytscha</i> | 808532 | <i>Psychocheilus umpqua</i> | 807868 | |
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| Experimental analysis | | Cyprinidae | | |
| Salmonidae | | <i>Psychocheilus oregonensis</i> | 806400 | |
| <i>Oncorhynchus nerka</i> | 807355 | Coarse fish control | | |
| Fry | | Teleostei | 806114 | |
| Salmonidae | | Centrarchidae | 809099 | |
| <i>Oncorhynchus nerka</i> | 807355 | <i>Lepomis gibbosus</i> | 809099 | |
| Environment manipulation | | Cichlidae | 805990 | |
| Temperature | | <i>Tilapia mossambica</i> | 809057 | |
| Salmonidae | 808488 | Percidae | 807668 | |
| Artificial incubation | | <i>Perca fluviatilis</i> | 807709 | |
| Experimental analysis | | Cyprinodontidae | | |
| Salmonidae | | <i>Fundulus diaphanus</i> | 805990 | |
| <i>Oncorhynchus keta</i> | 808797 | Clupeidae | | |
| <i>Oncorhynchus tshawytscha</i> | 808797 | <i>Dorosoma cepedianum</i> | 806169 | |
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| | 808715 | <i>Catostomus latipinnis</i> | 809099 | |
| Egg laying | | Cyprinidae | 807668 | |
| Salmonidae | | <i>Abramis brama</i> | 807709 | |
| <i>Salvelinus namaycush</i> | 808528 | <i>Alburnus alburnus</i> | 807709 | |
| Impoundment manipulation | | <i>Carassius auratus</i> | 805990 | |
| | 806156 | <i>Rutilus rutilus</i> | 807709 | |
| | 806164 | Salmonidae | | |
| Teleostei | 806177 | <i>Coregonus autumnalis</i> | 807747 | |
| | 804773 | <i>Prosopium williamsoni</i> | 809099 | |
| | 806123 | Impoundment manipulation | | |
| | 806150 | Centrarchidae | | |
| | 806151 | <i>Lepomis macrochirus</i> | 807807 | |
| | 806152 | Artificial propagation and planting | | |
| | 806153 | Teleostei | 806114 | |
| | 806154 | | 805550 | |
| | 809099 | | 806154 | |
| Centrarchidae | | Mugiloidae | 805684 | |
| <i>Lepomis macrochirus</i> | 803985 | <i>Mugil capito</i> | 806755 | |
| <i>Micropterus salmoides</i> | 803985 | <i>Mugil cephalus</i> | 806755 | |
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| <i>Stizostedion vitreum</i> | 803985 | <i>Micropterus salmoides</i> | 803985 | |
| Clupeidae | | Cichlidae | | |
| <i>Dorosoma cepedianum</i> | 806169 | <i>Tilapia aurea</i> | 805684 | |
| Cyprinidae | 807746 | | 806755 | |
| <i>Cyprinus carpio</i> | 803985 | <i>Tilapia galilaea</i> | 805684 | |
| Ictaluridae | | | 806755 | |
| <i>Ictalurus punctatus</i> | 803985 | Percidae | | |
| Esocidae | | <i>Stizostedion vitreum</i> | 803834 | |
| <i>Esox lucius</i> | 803985 | | 803985 | |
| Salmonidae | 806152 | Serranidae | | |
| Effect on fish | | <i>Morone saxatilis</i> | 806771 | |
| Rate of growth | | <i>Percichthys</i> | 805549 | |
| Cyprinidae | | Sparidae | | |
| <i>Vancorhinus capota</i> | 807734 | <i>Pagrus major</i> | 805624 | |
| Temperature | 806155 | | 805625 | |
| Oxygen | | | 805627 | |
| Teleostei | 806158 | Clupeidae | | |
| Water movement | | <i>Alosa sapidissima</i> | 808872 | |
| Temperature | | Ictaluridae | | |
| Centrarchidae | 806173 | <i>Ictalurus punctatus</i> | 803985 | |
| Salmonidae | 806173 | | 804402 | |
| Oxygen | | Gadidae | | |
| Centrarchidae | 806173 | <i>Gadus morhua</i> | 806783 | |
| Salmonidae | 806173 | Esocidae | | |
| Crustacea | | <i>Esox lucius</i> | 803985 | |
| Salmonidae | | Salmonidae | 803537 | |
| <i>Salmo trutta</i> | 806259 | | 804104 | |
| Drawdown | | | 805644 | |
| Effect on fish | | | 808526 | |
| Rate of growth | | <i>Coregonus autumnalis</i> | 807747 | |
| Centrarchidae | | <i>Coregonus peled</i> | 808353 | |
| <i>Micropterus salmoides</i> | 807807 | <i>Oncorhynchus</i> | 803793 | |

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| Fishing and fisheries (continued) | <i>Oncorhynchus gorbusha</i> | 806643 | Centropomidae | | |
| | <i>Oncorhynchus keta</i> | 806646 | <i>Lates niloticus</i> | | 805378 |
| | <i>Oncorhynchus kisutch</i> | 803983 | | | 808968 |
| | | 805641 | Cichlidae | | |
| | <i>Oncorhynchus nerka</i> | 807838 | <i>Cichla</i> | | 805729 |
| | | 805641 | <i>Tilapia</i> | | 807193 |
| | | 806647 | <i>Tilapia grahami</i> | | 806107 |
| | <i>Oncorhynchus tshawytscha</i> | 805641 | <i>Tilapia mossambica</i> | | 803513 |
| | | 807838 | | | 806780 |
| | <i>Salmo clarki</i> | 808138 | | | 806934 |
| | <i>Salmo gairdneri</i> | 803793 | | | 807244 |
| | | 804309 | Percidae | | |
| | | 804726 | <i>Stizostedion lucioperca</i> | | 806844 |
| | | 805990 | | | 806845 |
| | | 806845 | <i>Stizostedion vitreum</i> | | 808464 |
| | <i>Salmo salar</i> | 805975 | Serranidae | | |
| | | 806028 | <i>Morone chrysops</i> | | 808464 |
| | | 806029 | <i>Morone saxatilis</i> | | 803513 |
| | | 807780 | | | 803565 |
| | <i>Salmo trutta</i> | 803984 | | | 803673 |
| | | 804309 | <i>Morone saxatilis</i> X | | |
| | | 804688 | <i>Morone chrysops</i> X | | 803712 |
| | | 805990 | <i>Percalates colonorum</i> | | 808626 |
| | | 806506 | <i>Percalates novemaculeatus</i> | | 808626 |
| | <i>Salvelinus fontinalis</i> | 804309 | <i>Plectroplites ambiguus</i> | | 805113 |
| | | 805990 | | | 808310 |
| | | 805645 | Soleidae | | |
| | <i>Salvelinus namaycush</i> | 805641 | <i>Solea solea</i> | | 808300 |
| | <i>Salvelinus namaycush</i> X | | | | |
| | <i>Salvelinus fontinalis</i> X | 805641 | Atherinidae | | |
| | | 805645 | <i>Basilichthys bonariensis</i> | | 806845 |
| Experimental analysis | | | Poeciliidae | | |
| Salmonidae | | | <i>Gambusia affinis</i> | | 803513 |
| <i>Salmo gairdneri</i> | 804234 | | Clupeidae | | |
| <i>Salmo salar</i> | 807459 | | <i>Alosa pseudoharengus</i> | | 803513 |
| <i>Salvelinus fontinalis</i> | 804234 | | | | 807863 |
| Effect on fish | | | <i>Dorosoma petenense</i> | | 803513 |
| Population genetics | | | <i>Limnothrissa miodon</i> | | 807193 |
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| Population changes | | | <i>Anguilla anguilla</i> | | 808300 |
| Salmonidae | | | Cyprinidae | | 807746 |
| <i>Salmo salar</i> | 807708 | | <i>Carla carla</i> | | 808421 |
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| <i>Salmo gairdneri</i> | 807778 | | <i>Cyprinus carpio</i> | | 805113 |
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| <i>Salmo gairdneri</i> | 807778 | | <i>Laboe rohita</i> | | 808429 |
| Reservoirs | | | <i>Notropis petersoni</i> | | 808421 |
| Salmonidae | 806171 | | <i>Tinca tinca</i> | | 803513 |
| <i>Salmo gairdneri</i> | 806172 | | | | 806844 |
| Prophylactic treatment | | | Ictaluridae | | |
| Cyprinidae | | | <i>Ictalurus melas</i> | | 806844 |
| <i>Cyprinus carpio</i> | 805545 | | <i>Ictalurus punctatus</i> | | 803531 |
| <i>Tinca tinca</i> | 805545 | | <i>Pylodictis olivaris</i> | | 808720 |
| Salmonidae | 805545 | | Esocidae | | |
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| Salmonidae | | | <i>Hypomesus transpacificus</i> | | 807118 |
| <i>Oncorhynchus tshawytscha</i> | 807879 | | Salmonidae | | 807110 |
| <i>Salmo salar</i> | 808149 | | | | 807358 |
| <i>Salvelinus namaycush</i> | 807501 | | <i>Coregonus</i> | | 806844 |
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| <i>Salmo salar</i> | 808149 | | <i>Hucho hucho</i> | | 808241 |
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| Salmonidae | | | <i>Salmo gairdneri</i> | | 806650 |
| <i>Salvelinus fontinalis</i> | 807802 | | | | 804688 |
| Introduction for fishery | | | | | 805113 |
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| <i>Acipenser ruthenus</i> X | 808425 | | | | 806844 |
| <i>Huso huso</i> X | 808425 | | <i>Salmo salar</i> | | 808464 |
| <i>Acipenser ruthenus</i> X | 806123 | | <i>Salmo trutta</i> | | 807863 |
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| | | | <i>Salvelinus fontinalis</i> | | 806780 |
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| | 808310 | | Fish culture | | |
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| | 806814 | | Availability and use of food | | |
| | 806844 | | Cyprinidae | | |
| | | | <i>Cyprinus carpio</i> | | 807690 |

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| Habitat destruction | 803928 | <i>Cottus poeciliopus</i> | 805199 | Conservation of fish |
| Petromyzontomorpha | 804828 | Population changes | | |
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| | 806817 | <i>Silurus glanis</i> | 808458 | |
| | 807268 | Esocidae | | |
| Percidae | 803895 | <i>Esox lucius</i> | 808458 | |
| | 805647 | Migrations | | |
| Pleuronectidae | 807198 | Petromyzontomorpha | | |
| <i>Platichthys flesus</i> | 806844 | <i>Caspionymyzon wagneri</i> | 807755 | |
| Cottidae | | Salmonidae | | |
| <i>Cottus gobio</i> | 806844 | <i>Oncorhynchus tshawytscha</i> | 807809 | |
| Clupeidae | | | 807841 | |
| <i>Alosa fallax</i> | 806844 | Reproduction | | |
| | 807198 | Salmonidae | | |
| Megalopidae | | <i>Coregonus</i> | 808145 | |
| <i>Megalops atlantica</i> | 807295 | Habitat destruction | | |
| | 808813 | Salmonidae | | |
| Catostomidae | 803895 | <i>Coregonus</i> | 808145 | |
| <i>Chasmistes cujus</i> | 808138 | Fishways | | |
| <i>Pantosteus delphinus</i> | 807090 | Experimental analysis | | |
| <i>Xyrauchen texanus</i> | 807090 | Salmonidae | | |
| Cyprinidae | 803895 | <i>Oncorhynchus</i> | 807875 | |
| | 807198 | <i>Salmo gairdneri</i> | 807875 | |
| | 808984 | Juvenile | | |
| <i>Gila robusta</i> | 807090 | Salmonidae | | |
| <i>Gobio gobio</i> | 806844 | <i>Oncorhynchus</i> | 807875 | |
| <i>Leuciscus souffia</i> | 806844 | <i>Salmo gairdneri</i> | 807875 | |
| <i>Phoxinus phoxinus</i> | 806844 | | | |
| <i>Psychrocheilus lucius</i> | 807090 | Entrainment | | |
| Siluridae | | Light | | |
| <i>Silurus glanis</i> | 805232 | Experimental analysis | | |
| Esocidae | | Percidae | | |
| <i>Esox lucius</i> | 806844 | <i>Perca fluviatilis</i> | 807672 | |
| Osmeridae | | Cyprinidae | 807672 | |
| <i>Osmerus eperlanus</i> | 807198 | | 803768 | |
| Salmonidae | | Habitat pollution | 805450 | |
| <i>Coregonus</i> | 806844 | | 806439 | |
| <i>Salmo clarki</i> | 808138 | Squalidae | 807096 | |
| <i>Salmo salar</i> | 805976 | <i>Squalus acanthias</i> | 807060 | |
| | 807198 | Teleostei | 807557 | |
| <i>Salmo trutta</i> | 805976 | Percidae | 807557 | |
| | 806844 | Clupeidae | | |
| <i>Salvelinus alpinus</i> | 806844 | <i>Clupea harengus</i> | 807060 | |
| <i>Salvelinus timagamiensis</i> | 806044 | Cyprinidae | 806659 | |
| <i>Thymallus thymallus</i> | 806844 | Salmonidae | | |
| Effect on fish | | <i>Coregonus autumnalis</i> | 807747 | |
| Seawaters | | <i>Salmo gairdneri</i> | 806659 | |
| Teleostei | 807231 | <i>Salmo salar</i> | 807060 | |
| | 807232 | <i>Salmo trutta</i> | 806659 | |
| Carangidae | | Effect on fish | | |
| <i>Seriola dorsalis</i> | 807232 | Teleostei | 807233 | |
| Serranidae | | Gobiidae | | |
| <i>Paralabrax clathratus</i> | 807232 | <i>Rhinogobius brunneus</i> | 806593 | |
| Sphyraenoidi | | <i>Tukugobius flumineus</i> | 806593 | |
| <i>Sphyraena argentea</i> | 807232 | Anguillidae | | |
| Fishery statistics | | <i>Anguilla japonica</i> | 806593 | |
| Teleostei | 807232 | Cyprinidae | | |
| Carangidae | | <i>Carassius carassius</i> | 806593 | |
| <i>Seriola dorsalis</i> | 807232 | <i>Zacco platypus</i> | 806593 | |
| Serranidae | | <i>Zacco temmincki</i> | 806593 | |
| <i>Paralabrax clathratus</i> | 807232 | Plecoglossidae | | |
| Sphyraenoidi | | <i>Plecoglossus altivelis</i> | 806593 | |
| <i>Sphyraena argentea</i> | 807232 | Coefficient of condition | | |
| Lotic waters | | Catostomidae | | |
| Temperature | 807361 | <i>Catostomus catostomus</i> | 808486 | |
| Organic pollutants | | <i>Catostomus commersoni</i> | 808486 | |
| Silt pollutants | | Infectious and parasitic disorders | | |
| Salmonidae | 808155 | Catostomidae | | |
| Logging | | <i>Catostomus catostomus</i> | 808486 | |
| Salmonidae | | <i>Catostomus commersoni</i> | 808486 | |
| <i>Oncorhynchus kisutch</i> | 806037 | <i>Catostomus platyrhynchus</i> | 808486 | |
| <i>Salmo clarki</i> | 806037 | Littoral zone | | |
| Dams and barriers | | Elasmobranchii | 808716 | |
| Petromyzontomorpha | | Teleostei | 808716 | |
| <i>Petromyzon marinus</i> | 805642 | Brackish environment | | |
| Acipenseromorpha | 808432 | Gasterosteidae | | |
| Teleostei | 806152 | <i>Gasterosteus aculeatus</i> | 808751 | |
| Sciaenidae | | Gobiidae | | |
| <i>Cynoscion macdonaldi</i> | 806000 | <i>Chaparrado flavescens</i> | 808751 | |
| Salmonidae | 805964 | Pleuronectidae | | |
| Effect on fish | 806641 | <i>Platichthys flesus</i> | 808751 | |
| Juvenile | | Habitat eutrophication | 806161 | |
| Salmonidae | | Teleostei | 806154 | |
| <i>Oncorhynchus tshawytscha</i> | 807809 | | 808250 | |
| Reservoirs | | Cyprinidae | 808984 | |
| Salmonidae | | Effect on fish | | |
| <i>Oncorhynchus tshawytscha</i> | 807841 | Teleostei | 806651 | |
| Water movement | | Population changes | | |
| Cottidae | | Percidae | | |
| <i>Cottus gobio</i> | 805199 | <i>Perca fluviatilis</i> | 806650 | |

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|-------------------------------------|------------------------------|--------|--------------------------------------|--|--------|
| Conservation of fish (continued) | <i>Stizostedion</i> | 806650 | Heart | | |
| | Sciaenidae | | Salmonidae | | |
| | <i>Aplodinotus grunniens</i> | 806650 | <i>Salmo gairdneri</i> | | 806988 |
| | Salmonidae | | Hydrogen sulfide | | |
| | <i>Coregonus</i> | 806650 | Effect on fish | | |
| Oxygen deficiencies in habitat | | | Developing egg | | |
| Effect on fish | | | Esocidae | | |
| Clariidae | | | <i>Esox lucius</i> | | 809038 |
| <i>Clarias batrachus</i> | 804572 | | Fry | | |
| Spleen | | | Esocidae | | |
| Cyprinidae | | | <i>Esox lucius</i> | | 809038 |
| <i>Cyprinus carpio</i> | 808227 | | Lethal environmental limits | | |
| Gas transport by blood | | | Salmonidae | | |
| Ictaluridae | | | <i>Oncorhynchus nerka</i> | | 808155 |
| <i>Ictalurus nebulosus</i> | 804369 | | Avoidance responses | | |
| Kidney | | | Salmonidae | | |
| Cyprinidae | | | <i>Salvelinus fontinalis</i> | | 806982 |
| <i>Cyprinus carpio</i> | 808227 | | Alkali pollutants | | |
| Fish kill | | | Effect on fish | | |
| Teleostei | 808250 | | Lethal environmental limits | | |
| Collecting fish | | | Centrarchidae | | 808814 |
| Experimental analysis | | | Lethal environmental limits | | |
| Centrarchidae | 808537 | | Experimental analysis | | |
| Ictaluridae | 808537 | | Cyprinidae | | |
| Fish cultural methodology | | | <i>Carassius auratus</i> | | 804467 |
| Centrarchidae | 808537 | | Acid pollutants | | |
| Ictaluridae | 808537 | | Effect on fish | | |
| Heat pollution | | | Gills | | |
| Effect on fish | 803575 | | Salmonidae | | |
| Elasmobranchii | 804416 | | <i>Salvelinus fontinalis</i> | | 806947 |
| Teleostei | 807332 | | Erythrocytes | | |
| | 804852 | | Salmonidae | | |
| | 806636 | | <i>Salvelinus fontinalis</i> | | 806948 |
| | 807332 | | Gas transport by blood | | |
| Cyprinidae | 808926 | | Salmonidae | | |
| Salmonidae | 806640 | | <i>Salvelinus fontinalis</i> | | 806948 |
| | 806639 | | Liver | | |
| <i>Oncorhynchus tshawytscha</i> | 806640 | | Salmonidae | | |
| <i>Salmo gairdneri</i> | 806873 | | <i>Salvelinus fontinalis</i> | | 806946 |
| Experimental analysis | 806874 | | Lethal environmental limits | | |
| | 806875 | | Centrarchidae | | 808814 |
| Migrations | | | Heavy metal pollutants | | |
| Salmonidae | | | Effect on fish | | |
| <i>Oncorhynchus</i> | 806638 | | Epizootics | | |
| <i>Salmo gairdneri</i> | 806638 | | Catostomidae | | |
| Reproduction | | | <i>Catostomus commersoni</i> | | 807869 |
| Salmonidae | | | Salmonidae | | |
| <i>Oncorhynchus</i> | 806638 | | <i>Salmo salar</i> | | 807869 |
| <i>Salmo gairdneri</i> | 806638 | | Bacterial diseases | | |
| Rate of growth | | | Catostomidae | | |
| Effect on fish | 803740 | | <i>Catostomus commersoni</i> | | 807869 |
| Habitat preservation | | | Salmonidae | | |
| Acipenseromorpha | 805905 | | <i>Salmo salar</i> | | 807869 |
| Teleostei | 805905 | | Aquaria and water systems | | |
| Artificial rearing environments | | | Teleostei | | 804665 |
| Fish cultural methodology | | | Pollutant content | | |
| Anguillidae | | | Teleostei | | 806883 |
| <i>Anguilla anguilla</i> | 808696 | | Fish kill | | |
| Cyprinidae | | | Reservoirs | | |
| <i>Cyprinus carpio</i> | 808696 | | Salmonidae | | 806157 |
| Salmonidae | | | Arsenic | | |
| <i>Salmo gairdneri</i> | 808696 | | Description and occurrence | | |
| Bibliography | 806676 | | Teleostei | | 806914 |
| Water pollutants | | | Effect on fish | | |
| Teleostei | 803514 | | Pancreatic islets | | |
| Effect on fish | 804259 | | Cottidae | | |
| Population diversity | | | <i>Myoxocephalus scorpius</i> | | 807963 |
| Teleostei | | | Cadmium | | |
| Kraft mill effluents | 805375 | | Effect on fish | | |
| Effect on fish | | | Pancreatic islets | | |
| Teleostei | 808950 | | Cottidae | | |
| Hemoglobin | | | <i>Myoxocephalus scorpius</i> | | 807963 |
| Salmonidae | 808949 | | Copper | | |
| Lethal environmental limits | | | Effect on fish | | |
| Salmonidae | 808949 | | Pleuronectidae | | |
| Breathing | | | <i>Pseudopleuronectes americanus</i> | | 807524 |
| Salmonidae | 808949 | | Gills | | |
| Lethal environmental limits | | | Salmonidae | | |
| Young | | | <i>Salvelinus fontinalis</i> | | 806982 |
| Salmonidae | | | Developing egg | | |
| <i>Salmo salar</i> | 805192 | | Cyprinidae | | |
| Poisonous gas pollutants | | | <i>Pimephales promelas</i> | | 807504 |
| Chlorine | | | Rate of growth | | |
| Effect on fish | | | Cyprinidae | | |
| Avoidance responses | | | <i>Pimephales promelas</i> | | 807504 |
| Salmonidae | 806982 | | Lethal environmental limits | | |
| <i>Salvelinus fontinalis</i> | | | Serranidae | | |
| Cyanide | | | <i>Morone saxatilis</i> | | 808509 |
| Effect on fish | | | Cyprinidae | | |
| Lateral line | | | <i>Pimephales promelas</i> | | 807504 |
| Salmonidae | | | Avoidance responses | | |
| <i>Salmo gairdneri</i> | 806988 | | Salmonidae | | |
| | | | <i>Salvelinus fontinalis</i> | | 806982 |

| | | | Conservation of fish (continued) |
|------------------------------|--------|-----------------------------------|-------------------------------------|
| Iron | | | |
| Effect on fish | | Lethal environmental limits | |
| Experimental analysis | | Developing egg | |
| Cyprinidae | | Salmonidae | |
| <i>Carassius auratus</i> | 805377 | <i>Salmo gairdneri</i> | 803908 |
| Gills | | Fry | |
| Cyprinidae | | Salmonidae | |
| <i>Carassius auratus</i> | 807952 | <i>Salmo gairdneri</i> | 803908 |
| Gut | | Cyanide | |
| Cyprinidae | | Effect on fish | |
| <i>Carassius auratus</i> | 807952 | Carcharinidae | |
| | | <i>Negaprion brevirostris</i> | 805018 |
| Lead | | Lethal environmental limits | |
| Effect on fish | | Experimental analysis | |
| Rate of growth | | Poeciliidae | |
| Salmonidae | | <i>Poecilia reticulata</i> | 808921 |
| <i>Salvelinus fontinalis</i> | 807505 | Fluorescent dyes | |
| Pollutant content | | Lethal environmental limits | |
| Experimental analysis | | Centrarchidae | |
| Salmonidae | | <i>Lepomis macrochirus</i> | 808534 |
| <i>Salmo gairdneri</i> | 805442 | Ictaluridae | |
| Mercury | | <i>Ictalurus punctatus</i> | 808534 |
| Experimental analysis | | Salmonidae | |
| Teleostei | 804510 | <i>Salmo gairdneri</i> | 808534 |
| Effect on fish | | Kraft mill effluents | |
| Teleostei | 804465 | Salinity | |
| Gills | | Lethal environmental limits | |
| Salmonidae | | Teleostei | 808554 |
| <i>Salmo gairdneri</i> | 807828 | Cottidae | |
| Lethal environmental limits | | <i>Oligocottus snyderi</i> | 808554 |
| Salmonidae | | Nicotine | |
| <i>Salmo gairdneri</i> | 807828 | Effect on fish | |
| Pollutant content | | Carcharinidae | |
| Experimental analysis | | <i>Negaprion brevirostris</i> | 805018 |
| Salmonidae | 808552 | Barbels | |
| Intermediary metabolism | | Heteropneustidae | |
| Experimental analysis | | <i>Heteropneustes fossilis</i> | 808519 |
| Salmonidae | 808552 | PCP | |
| Tin | | Lethal environmental limits | |
| Pollutant content | | Experimental analysis | |
| Experimental analysis | | Cobitidae | |
| Cyprinidae | | <i>Misgurnus anguillicaudatus</i> | 805570 |
| <i>Carassius auratus</i> | 805443 | Pentachlorophenol | |
| Zinc | | Effect on fish | |
| Effect on fish | | Carbohydrate metabolism | |
| Developing egg | | Cichlidae | |
| Cobitidae | | <i>Cichlasoma bimaculatum</i> | 809033 |
| <i>Misgurnus fossilis</i> | 808343 | Fry | |
| Cyprinidae | | Salmonidae | |
| <i>Cyprinus carpio</i> | 807735 | <i>Salmo gairdneri</i> | 809036 |
| <i>Pimephales promelas</i> | 808343 | Lethal environmental limits | |
| Larva | | Salmonidae | |
| Cobitidae | | <i>Salmo gairdneri</i> | 809036 |
| <i>Misgurnus fossilis</i> | 808343 | Phenol | |
| Cyprinidae | | Effect on fish | |
| <i>Cyprinus carpio</i> | 807735 | Axial skeletal muscles | |
| | 808343 | Cyprinidae | |
| | | <i>Abramis brama</i> | 805456 |
| Fry | | Gills | |
| Cyprinidae | | Cyprinidae | |
| <i>Pimephales promelas</i> | 807804 | <i>Abramis brama</i> | 805456 |
| Reproduction | | Circulatory system | |
| Cyprinidae | | Cyprinidae | |
| <i>Pimephales promelas</i> | 807804 | <i>Abramis brama</i> | 805456 |
| Body content | | Biochemical blood constituents | |
| Egg | | Cyprinidae | |
| Cyprinidae | | <i>Cyprinus carpio</i> | 805455 |
| <i>Cyprinus carpio</i> | 808356 | Immunological reactions | |
| Sperm | | Cyprinidae | |
| Cyprinidae | | <i>Cyprinus carpio</i> | 805455 |
| <i>Cyprinus carpio</i> | 808356 | Gut | |
| Lethal environmental limits | | Cyprinidae | |
| Salmonidae | | <i>Abramis brama</i> | 805456 |
| <i>Salmo gairdneri</i> | 805955 | Fecundity | |
| Experimental analysis | | Poeciliidae | |
| Poeciliidae | | <i>Poecilia reticulata</i> | 805452 |
| <i>Poecilia reticulata</i> | 808921 | Rate of growth | |
| Tissue culture techniques | | Poeciliidae | |
| Salmonidae | | <i>Poecilia reticulata</i> | 805452 |
| <i>Salmo gairdneri</i> | 808525 | Coefficient of condition | |
| Organic pollutants | | Cyprinidae | |
| Effect on fish | | <i>Cyprinus carpio</i> | 805455 |
| Developing egg | | Courtsnip | |
| Salmonidae | | Poeciliidae | |
| <i>Salmo gairdneri</i> | 807961 | <i>Poecilia reticulata</i> | 805454 |
| Fry | | Instrumental conditioning | |
| Salmonidae | | Poeciliidae | |
| <i>Salmo gairdneri</i> | 807961 | <i>Poecilia reticulata</i> | 805453 |
| Apholate | | Lethal environmental limits | |
| Blood and lymph | | Salmonidae | |
| Ictaluridae | | <i>Salmo gairdneri</i> | 805955 |
| <i>Ictalurus punctatus</i> | 803936 | Experimental analysis | |
| Sublittoral zone | | Poeciliidae | |
| Elasmobranchii | 808715 | <i>Poecilia reticulata</i> | 805451 |
| Teleostei | 808715 | | |

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|-------------------------------------|-------------------------------|--------|------------------------------|--------|
| Conservation of fish (continued) | Pulp fiber sediment | | Teleostei | 804949 |
| | Effect on fish | | | 806072 |
| | Lethal environmental limits | | | 806073 |
| | Salmonidae | | | 806074 |
| | <i>Oncorhynchus nerka</i> | 808155 | Poeciliidae | |
| | Starch | | <i>Xiphophorus</i> | 806073 |
| | Effect on fish | | Salmonidae | |
| | Salmonidae | | <i>Salmo gairdneri</i> | 806073 |
| | <i>Salmo gairdneri</i> | 807113 | Hydrocarbons | |
| | Strychnine | | Experimental analysis | |
| | Effect on fish | | Tissue culture techniques | |
| | Carchariinidae | | Cyprinidae | |
| | <i>Negaprion brevirostris</i> | 805018 | <i>Pimephales promelas</i> | 806999 |
| TEPP | Use as test animal | | Salmonidae | |
| | Cyprinidae | | <i>Salmo gairdneri</i> | 806999 |
| | <i>Carassius auratus</i> | 809025 | Urethan | |
| Tetrachloro-o-benzoquinone | | | Tissue culture techniques | |
| Effect on fish | | | Experimental analysis | |
| Lethal environmental limits | | | Teleostei | 807001 |
| Salmonidae | | | Insecticide pollutants | |
| <i>Salmo salar</i> | 807534 | | Salmonidae | |
| Silt pollutants | | | <i>Oncorhynchus kisutch</i> | 805641 |
| Effect on fish | | | <i>Salmo gairdneri</i> | 807308 |
| Ictaluridae | | | Effect on fish | |
| <i>Ictalurus punctatus</i> | 806818 | | Enzymology | |
| Standing crop | | | Salmonidae | |
| Teleostei | 805376 | | <i>Oncorhynchus kisutch</i> | 807544 |
| Radioactive pollutants | | | <i>Salmo gairdneri</i> | 807544 |
| Effect on fish | | | Lipid metabolism | |
| Radioactive content | | | Salmonidae | |
| Teleostei | 807674 | | <i>Salmo gairdneri</i> | 806617 |
| Lethal environmental limits | | | Galvanotaxis | |
| Teleostei | 807674 | | Salmonidae | |
| Radioactive content | | | <i>Salmo salar</i> | 807381 |
| Distribution and occurrence | | | <i>Salvelinus fontinalis</i> | 807381 |
| Teleostei | 808929 | | Distribution within habitat | |
| Distribution | | | Salmonidae | |
| Istiophoridae | 807189 | | <i>Salmo salar</i> | 807381 |
| Scombridae | | | <i>Salvelinus fontinalis</i> | 807381 |
| <i>Thunnus alalunga</i> | 807189 | | Lethal environmental limits | |
| <i>Thunnus albacares</i> | 807189 | | Centrarchidae | |
| <i>Thunnus obesus</i> | 807189 | | <i>Lepomis cyanellus</i> | 806176 |
| Food chains | | | Breathng | |
| Experimental analysis | | | Cyprinidae | |
| Gobiidae | | | <i>Carassius auratus</i> | 806865 |
| <i>Acanthogobius flavimanus</i> | 806589 | | Migrations | |
| Mulidae | | | Salmonidae | |
| <i>Mullus barbatus</i> | 804522 | | <i>Salmo salar</i> | 807381 |
| Sparidae | | | <i>Salvelinus fontinalis</i> | 807381 |
| <i>Pagellus erythrinus</i> | 804521 | | Use as test animal | |
| Atherinidae | | | Cyprinidae | |
| <i>Atherina</i> | 804521 | | <i>Carassius auratus</i> | 806865 |
| Cobalt | | | Pesticide content | |
| Radioactive content | | | Dieldrin | |
| Developing egg | | | Experimental analysis | |
| Scophthalmidae | | | Cottidae | |
| <i>Scophthalmus maeoticus</i> | 808344 | | <i>Cottus perplexus</i> | 804235 |
| Larva | | | Intermediary metabolism | |
| Scophthalmidae | | | Gut | |
| <i>Scophthalmus maeoticus</i> | 808344 | | Salmonidae | |
| Manganese | | | <i>Salmo salar</i> | 807341 |
| Radioactive content | | | Bacteria | |
| Developing egg | | | Salmonidae | |
| Scophthalmidae | | | <i>Salmo salar</i> | 807341 |
| <i>Scophthalmus maeoticus</i> | 808344 | | Lethal environmental limits | |
| Larva | | | Cyprinidae | |
| Scophthalmidae | | | <i>Carassius auratus</i> | 806990 |
| <i>Scophthalmus maeoticus</i> | 808344 | | Experimental analysis | |
| Srtrontium and yttrium | | | Poeciliidae | |
| Radioactive content | | | <i>Gambusia affinis</i> | 809051 |
| Developing egg | | | Cyprinidae | |
| Cobitidae | | | <i>Carassius auratus</i> | 804466 |
| <i>Misgurnus fossilis</i> | 807675 | | Multiple choice testing | |
| Lethal environmental limits | | | Lethal environmental limits | |
| Cobitidae | | | Cyprinodontidae | |
| <i>Misgurnus fossilis</i> | 807675 | | <i>Cyprinodon variegatus</i> | 807829 |
| Tungsten | | | Aldrin | |
| Radioactive content | | | Lethal environmental limits | |
| Developing egg | | | Experimental analysis | |
| Scophthalmidae | | | Channiformes | |
| <i>Scophthalmus maeoticus</i> | 808344 | | <i>Channa punctatus</i> | 805598 |
| Larva | | | Cyprinidae | |
| Scophthalmidae | | | <i>Barbus sophore</i> | 805598 |
| <i>Scophthalmus maeoticus</i> | 808344 | | Apholate | |
| Carcinogenic agents | | | Effect on fish | |
| Anguillidae | | | Erythrocytes | |
| <i>Anguilla anguilla</i> | 806196 | | Ictaluridae | |
| Effect on fish | | | <i>Ictalurus punctatus</i> | 807081 |
| Myxiniomorpha | 806189 | | Liver | |
| Petromyzontomorpha | 806189 | | Ictaluridae | |
| | | | <i>Ictalurus punctatus</i> | 807081 |

| Cotnion | | Dylox | | Conservation of fish (continued) |
|--------------------------------|--------|--------------------------------|--------|-------------------------------------|
| Lethal environmental limits | | Effect on fish | | |
| Experimental analysis | | Larva | | |
| Mugiloidae | | Salmonidae | | |
| <i>Mugil cephalus</i> | 805369 | <i>Salmo gairdneri</i> | 807480 | |
| Cichlidae | | Endrin | | |
| <i>Tilapia aurea</i> | 805369 | Effect on fish | | |
| Cyprinidae | | Lipid metabolism | | |
| <i>Cyprinus carpio</i> | 805369 | Salmonidae | | |
| | | <i>Salmo gairdneri</i> | 806907 | |
| DDT | | Embryo physiology | | |
| Experimental analysis | | Salmonidae | | |
| Cyprinidae | | <i>Salmo gairdneri</i> | 806907 | |
| <i>Notemigonus crysoleucas</i> | 805891 | Pollutant content | | |
| Effect on fish | | Poisonous as food | | |
| Lateral line | | Poeciliidae | | |
| Salmonidae | | <i>Gambusia affinis</i> | 808927 | |
| <i>Salmo gairdneri</i> | 806988 | Heptachlor | | |
| Heart | | Effect on fish | | |
| Salmonidae | | Barbels | | |
| <i>Salmo gairdneri</i> | 806988 | Heteropneustidae | | |
| Rate of growth | | <i>Heteropneustes fossilis</i> | 808519 | |
| Salmonidae | | Gills | | |
| <i>Salvelinus fontinalis</i> | 806270 | Heteropneustidae | | |
| Food chains | | <i>Heteropneustes fossilis</i> | 806229 | |
| Salmonidae | | Lindane | | |
| <i>Salvelinus fontinalis</i> | 808491 | Lethal environmental limits | | |
| Avoidance responses | | Serranidae | | |
| Salmonidae | | <i>Morone saxatilis</i> | 806671 | |
| <i>Salvelinus fontinalis</i> | 808765 | Malathion | | |
| Reproduction | | Pesticide content | | |
| Salmonidae | | Experimental analysis | | |
| <i>Salvelinus fontinalis</i> | 806270 | Cyprinidae | | |
| Avoidance conditioning | | <i>Cyprinus carpio</i> | 808538 | |
| Salmonidae | | Lethal environmental limits | | |
| <i>Salvelinus fontinalis</i> | 808765 | Serranidae | | |
| Pesticide content | | <i>Morone saxatilis</i> | 806671 | |
| Salmonidae | | Nicotine | | |
| <i>Oncorhynchus kisutch</i> | 807217 | Effect on fish | | |
| Metencephalon | | Gills | | |
| Effect on fish | | Heteropneustidae | | |
| Cyprinidae | | <i>Heteropneustes fossilis</i> | 806229 | |
| <i>Carassius auratus</i> | 803596 | Parathion | | |
| DDT and Dieldrin | | Effect on fish | | |
| Pesticide content | | Centrarchidae | | |
| Fry | | <i>Lepomis macrochirus</i> | 806861 | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus kisutch</i> | 808558 | <i>Salmo gairdneri</i> | 806861 | |
| DDVP | | Lethal environmental limits | | |
| Effect on fish | | Experimental analysis | | |
| Teleostei | | Mugiloidae | | |
| Lethal environmental limits | | <i>Mugil cephalus</i> | 805369 | |
| Egg | | Cichlidae | | |
| Channiformes | | <i>Tilapia aurea</i> | 805369 | |
| <i>Channa punctatus</i> | 806226 | Cyprinidae | | |
| Larva | | <i>Cyprinus carpio</i> | 805369 | |
| Channiformes | | TEPA | | |
| <i>Channa punctatus</i> | 806226 | Effect on fish | | |
| Dieldrin | | Testis | | |
| Effect on fish | | Poeciliidae | | |
| Cyprinodontidae | | <i>Poecilia reticulata</i> | 807805 | |
| <i>Cyprinodon variegatus</i> | 807295 | Reproduction | | |
| Poeciliidae | | Poeciliidae | | |
| <i>Poecilia latipinna</i> | 807295 | <i>Poecilia reticulata</i> | 807805 | |
| Gills | | Toxaphen | | |
| Salmonidae | | Effect on fish | | |
| <i>Salmo gairdneri</i> | 807466 | Lethal environmental limits | | |
| Lethal environmental limits | | Cyprinidae | | |
| Cyprinodontidae | | <i>Carassius auratus</i> | 804648 | |
| <i>Cyprinodon variegatus</i> | 808813 | Use as test animal | | |
| Poeciliidae | | Cyprinidae | | |
| <i>Poecilia latipinna</i> | 808813 | <i>Carassius auratus</i> | 809025 | |
| Megalopidae | | Insecticide resistance | | |
| <i>Megalops atlantica</i> | 808813 | Centrarchidae | | |
| In vitro techniques | | Poeciliidae | | |
| Salmonidae | | <i>Gambusia affinis</i> | 806176 | |
| <i>Salmo gairdneri</i> | 807466 | | 809051 | |
| Salinity | | Cyprinidae | | |
| Experimental analysis | | <i>Notemigonus crysoleucas</i> | 806176 | |
| Cyprinodontidae | | Ictaluridae | | |
| <i>Cyprinodon variegatus</i> | 806978 | <i>Ictalurus natalis</i> | 806176 | |
| Poeciliidae | | Experimental analysis | | |
| <i>Poecilia latipinna</i> | 806978 | Poeciliidae | | |
| Lethal environmental limits | | <i>Gambusia affinis</i> | 807499 | |
| Cyprinodontidae | | Populations | | |
| <i>Cyprinodon variegatus</i> | 806978 | Intraspecific variation | | |
| Poeciliidae | | Poeciliidae | | |
| <i>Poecilia latipinna</i> | 806978 | <i>Gambusia affinis</i> | 806265 | |
| Food chains | | Herbicide pollutants | | |
| Experimental analysis | | Effect on fish | | |
| Cyprinidae | | Lethal environmental limits | | |
| <i>Pimephales notatus</i> | 806986 | Teleostei | | |
| | | Serranidae | | |
| | | <i>Morone saxatilis</i> | 808509 | |

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|-------------------------------------|--------------------------------|--------|--------------------------------------|--------|
| Conservation of fish (continued) | Lethal environmental limits | | Alkyl benzene sulfonate | |
| | Serranidae | | Effect on fish | |
| | <i>Morone saxatilis</i> | 806671 | Cyprinodontidae | |
| | Experimental analysis | | <i>Jordaniella floridae</i> | 805877 |
| | Centrarchidae | | Microbiological ichthyotoxins | |
| | <i>Lepomis macrochirus</i> | 804618 | Lethal environmental limits | |
| | <i>Micropterus salmoides</i> | 804618 | Experimental analysis | |
| | Cyprinidae | | Cyprinodontidae | |
| | <i>Pimephales promelas</i> | 804618 | <i>Cyprinodon variegatus</i> | 804615 |
| | Esocidae | | <i>Ochromonas</i> | |
| | <i>Esox niger</i> | 804618 | Lethal environmental limits | |
| | Dichlofenil | | Poeciliidae | |
| | Effect on fish | | <i>Gambusia affinis</i> | 806127 |
| | Lethal environmental limits | | <i>Prymnesium</i> | |
| | Centrarchidae | | Biochemistry | |
| | <i>Lepomis macrochirus</i> | 807831 | Teleostei | 806126 |
| | <i>Micropterus salmoides</i> | 807831 | Waste treatment for habitat | |
| | Diquat | | Cyprinidae | 807746 |
| | Effect on fish | | Kraft mill effluents | |
| | Lethal environmental limits | | Experimental analysis | |
| | Centrarchidae | | Salmonidae | |
| | <i>Micropterus salmoides</i> | 805893 | <i>Salmo salar</i> | 805192 |
| | Cyprinidae | | Pulp fiber sediment | |
| | <i>Notemigonus crysoleucas</i> | 805893 | Experimental analysis | |
| | Lethal environmental limits | | Salmonidae | |
| | Experimental analysis | | <i>Oncorhynchus nerka</i> | 808155 |
| | Centrarchidae | | Oil dispersant | |
| | <i>Micropterus salmoides</i> | 805892 | Lethal environmental limits | |
| | Cyprinidae | | Egg | |
| | <i>Notemigonus crysoleucas</i> | 805892 | Engraulidae | |
| | Hydrothol-191 | | <i>Engraulis mordax</i> | 804676 |
| | Effect on fish | | Larva | |
| | Lethal environmental limits | | Engraulidae | |
| | Centrarchidae | | <i>Engraulis mordax</i> | 804676 |
| | <i>Lepomis microlophus</i> | 807781 | Explosions underwater | |
| | Pentachlorophenol | | Effect on fish | |
| | Effect on fish | | Teleostei | 808195 |
| | Cichlidae | | Fish kill | 805450 |
| | <i>Cichlasoma bimaculatum</i> | 806882 | Teleostei | 803783 |
| | Zinc | | | 808699 |
| | Effect on fish | | Oxygen deficiencies in habitat | |
| | Developing egg | | Teleostei | 807147 |
| | Larva | | | 808250 |
| | Cobitidae | | Endrin | |
| | <i>Misgurnus fossilis</i> | 808343 | Nabam | |
| | Cyprinidae | | Insecticide pollutants | |
| | <i>Cyprinus carpio</i> | 808343 | Gasterosteidae | |
| | 2,4-D | | <i>Gasterosteus aculeatus</i> | 807381 |
| | Effect on fish | | Salmonidae | |
| | Intermediary metabolism | | <i>Salmo salar</i> | 807381 |
| | Centrarchidae | | <i>Salvelinus fontinalis</i> | 807381 |
| | <i>Lepomis macrochirus</i> | 804795 | Fish conservation | 807822 |
| | Multiple choice testing | | Acipenseromorpha | 808432 |
| | Lethal environmental limits | | Teleostei | 806538 |
| | Cyprinodontidae | | Fishing methods | |
| | <i>Cyprinodon variegatus</i> | 807829 | Angling | |
| | Oil pollutants | | Salmonidae | 805986 |
| | Effect on fish | 804676 | Handling methods and effects | |
| | Teleostei | 806460 | Salmonidae | |
| | Egg | | <i>Salvelinus namaycush</i> | 804675 |
| | Clupeidae | | Endangered species | |
| | <i>Clupea harengus</i> | 806462 | Acipenseromorpha | 804818 |
| | Developing egg | | | 807110 |
| | Labridae | | Teleostei | 807110 |
| | <i>Crenilabrus tinca</i> | 807770 | Gadopsidae | |
| | Scorpaenidae | | <i>Gadopsis marmoratus</i> | 806817 |
| | <i>Scorpaena porcus</i> | 807770 | Percidae | 807268 |
| | Engraulidae | | Serranidae | |
| | <i>Engraulis encrasicolus</i> | 807770 | <i>Maccullochella macquariensis</i> | 806817 |
| | Larva | | <i>Maccullochella mitchell</i> | 806817 |
| | Clupeidae | | <i>Macquaria australasica</i> | 806817 |
| | <i>Clupea harengus</i> | 806462 | <i>Percalates novemaculeatus</i> | 806817 |
| | Engraulidae | | Poeciliidae | |
| | <i>Engraulis encrasicolus</i> | 807770 | <i>Gambusia georgei</i> | 807597 |
| | Bibliography | 804146 | Cyprinidae | 806132 |
| | Corexit | | <i>Acheilognathus longipinnis</i> | 806041 |
| | Effect on fish | | <i>Oreodaimon quathlambae</i> | 806780 |
| | Waste treatment for habitat | | <i>Probarbus jullieni</i> | 803928 |
| | Clinidae | 807191 | <i>Rhodesus atremius</i> | 806041 |
| | Detergent pollutants | | <i>Tanania tanago</i> | 806041 |
| | Salinity | | Ictaluridae | |
| | Experimental analysis | | <i>Noturus</i> | 803895 |
| | Anguillidae | | Plotosidae | |
| | <i>Anguilla anguilla</i> | 807071 | <i>Tandanus tandanus</i> | 806817 |
| | Lethal environmental limits | | Osteoglossidae | |
| | Anguillidae | | <i>Scleropages formosus</i> | 803928 |
| | <i>Anguilla anguilla</i> | 807071 | Esocidae | |
| | Lethal environmental limits | | <i>Esox americanus</i> | 807110 |
| | Cyprinidae | | <i>Esox masquinongy</i> | 807110 |
| | <i>Carassius auratus</i> | 806990 | Aplochitonidae | |
| | Experimental analysis | | <i>Prototroctes maraena</i> | 806817 |
| | Cyprinidae | | Salmonidae | |
| | <i>Carassius auratus</i> | 804466 | <i>Salmo salar</i> | 806008 |
| | | | <i>Salvelinus timagamiensis</i> | 806044 |

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|----------------------------------|--------|---------------------------------|--------|--------------|
| Expansion of range by man | | Anguillidae | | Fish culture |
| Poeciliidae | | <i>Anguilla anguilla</i> | 804253 | |
| <i>Poeciliopsis occidentalis</i> | 807578 | | 808481 | |
| Habitat preservation | | | 808667 | |
| Centrarchidae | | | 808670 | |
| <i>Micropterus salmoides</i> | 803513 | <i>Anguilla japonica</i> | 805558 | |
| Clupeidae | | | 807044 | |
| <i>Alosa sapidissima</i> | 803513 | Cyprinidae | 805634 | |
| Salmonidae | | | 806408 | |
| <i>Oncorhynchus masou</i> | 804200 | | 807044 | |
| <i>Salmo gairdneri</i> | 803513 | | 807772 | |
| <i>Salvelinus fontinalis</i> | 803513 | | 808423 | |
| <i>Salvelinus malma</i> | 804200 | | 808577 | |
| Littoral zone | 804312 | <i>Barbus javanicus</i> | 805474 | |
| Supralittoral zone | 805194 | <i>Cyprinus carpio</i> | 804253 | |
| Coral reef | 804812 | | 805553 | |
| | 806431 | | 806660 | |
| Intertidal zone | | | 808225 | |
| Teleostei | 803525 | | 808231 | |
| Brackish environment | 804669 | | 808246 | |
| Fish guidance | | | 808482 | |
| Salmonidae | | | 808966 | |
| <i>Oncorhynchus kisutch</i> | 807799 | <i>Rutilus frisi</i> | 807742 | |
| <i>Oncorhynchus tshawytscha</i> | 807799 | Clariidae | | |
| Migrations | | <i>Clarias batrachus</i> | 805474 | |
| Trapping | | | 807044 | |
| Salmonidae | | Ictaluridae | 807044 | |
| <i>Oncorhynchus tshawytscha</i> | 808546 | <i>Ictalurus catus</i> | 803529 | |
| <i>Salmo gairdneri</i> | 808546 | <i>Ictalurus furcatus</i> | 803529 | |
| Fish culture | | <i>Ictalurus punctatus</i> | 803529 | |
| | 803740 | | 804402 | |
| | 805081 | | 808413 | |
| Teleostei | 808214 | | | |
| Bibliography | 808257 | Pangasiidae | | |
| Danube R | | <i>Pangasius larnaudi</i> | 807044 | |
| Bibliography | 808649 | <i>Pangasius sutchi</i> | 807044 | |
| Fish cultural methodology | | Chanidae | | |
| | 804447 | <i>Chanos chanos</i> | 807044 | |
| | 806553 | | 808204 | |
| | 807043 | | 809057 | |
| | 808230 | Esocidae | | |
| Acipenseromorpha | 805559 | <i>Esox lucius</i> | 803514 | |
| | 807045 | | 808025 | |
| | 808420 | Salmonidae | 805989 | |
| | 808432 | | 807044 | |
| <i>Acipenser baeri</i> | 808683 | <i>Salmo</i> | 804253 | |
| <i>Acipenser ruthenus X</i> | | <i>Salmo gairdneri</i> | 804688 | |
| <i>Huso huso X</i> | 808683 | | 805542 | |
| Teleostei | 803667 | | 806531 | |
| | 805556 | | 806602 | |
| | 806813 | | 806603 | |
| | 807044 | | 808276 | |
| | 807045 | <i>Salmo trutta</i> | 806531 | |
| | 808396 | Heat pollution | | |
| | 808397 | Pleuronectidae | | |
| | 808422 | <i>Pleuronectes platessa</i> | 806013 | |
| | 808629 | Soleidae | | |
| | 809018 | <i>Solea solea</i> | 806013 | |
| Channiformes | | Pondfish productivity | | |
| <i>Channa striatus</i> | 805474 | Centrarchidae | | |
| Belontiidae | | <i>Lepomis macrochirus</i> | 807941 | |
| <i>Trichogaster pectoralis</i> | 805474 | <i>Micropterus salmoides</i> | 807941 | |
| Mugiloidae | 807044 | Ictaluridae | | |
| Carangidae | | <i>Ictalurus punctatus</i> | 807941 | |
| <i>Seriola</i> | 806602 | Young | | |
| <i>Seriola quinqueradiata</i> | 807044 | Ictaluridae | | |
| | 808395 | <i>Ictalurus punctatus</i> | 808512 | |
| <i>Trachinotus carolinus</i> | 803529 | Artificial rearing environments | | |
| | 804222 | Heat pollution | | |
| | 807034 | Cyprinidae | | |
| Cichlidae | 806117 | <i>Cyprinus carpio</i> | 808696 | |
| <i>Tilapia</i> | 807044 | Collecting fish | | |
| | 808482 | Netting | | |
| <i>Tilapia mossambica</i> | 807772 | Cyprinidae | | |
| | 809057 | <i>Cyprinus carpio</i> | 808672 | |
| Serranidae | | Feeding captive fish | 807292 | |
| | 806671 | Crustacea | | |
| <i>Morone saxatilis</i> | 806649 | Cyprinidae | | |
| | 806671 | <i>Cyprinus carpio</i> | 808229 | |
| <i>Morone saxatilis X</i> | | Naphthenic growth substance | | |
| <i>Morone chrysops X</i> | 806649 | Experimental analysis | | |
| | 806671 | Cyprinidae | | |
| <i>Percichthys trucha</i> | 805549 | <i>Cyprinus carpio</i> | 807650 | |
| Sillaginidae | | | | |
| <i>Sillago sihama</i> | 806767 | Fish cultural statistics | 807043 | |
| Sparidae | 805617 | Acipenseromorpha | 808420 | |
| <i>Chrysophrys major</i> | 806602 | | 808425 | |
| Theraponidae | | | 808432 | |
| <i>Therapon plumbeus</i> | 805474 | Teleostei | 804820 | |
| Pleuronectidae | | | 807044 | |
| <i>Pleuronectes platessa</i> | 807044 | | 808243 | |
| Anoplopomatidae | | | 808675 | |
| <i>Anoplopoma fimbria</i> | 807905 | | 808677 | |
| | 808867 | | 808694 | |

**Fish culture
(continued)**

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|---------------------------------|--------|-----------------------------------------|--------|
| Channiformes | | | 806755 |
| <i>Channa striatus</i> | 807772 | | 806880 |
| Belontiidae | | | 808226 |
| <i>Trichogaster pectoralis</i> | 807772 | | 808434 |
| Mugiloidae | 805684 | | 808482 |
| | 806755 | | 808686 |
| Cichlidae | 805684 | | 808690 |
| | 806755 | | 808691 |
| <i>Tilapia mossambica</i> | 807772 | <i>Hypophthalmichthys molitrix</i> | 805370 |
| Percidae | | <i>Labeo rohita</i> | 808615 |
| <i>Perca flavescens</i> | 808694 | <i>Pimephales promelas</i> | 806649 |
| <i>Perca fluviatilis</i> | 808678 | Clariidae | |
| <i>Stizostedion lucioperca</i> | 808678 | <i>Clarias batrachus</i> | 805474 |
| | 808694 | Ictaluridae | |
| Sparidae | | <i>Ictalurus punctatus</i> | 803894 |
| <i>Erynnis japonica</i> | 805622 | Chanidae | |
| <i>Pagrus major</i> | 805622 | <i>Chanos chanos</i> | 803554 |
| Anguillidae | | | 808204 |
| <i>Anguilla anguilla</i> | 808243 | Esocidae | |
| | 808678 | <i>Esox lucius</i> | 809038 |
| | 808694 | Salmonidae | |
| Cyprinidae | 805634 | <i>Salmo</i> | 806109 |
| <i>Barbus gonionotus</i> | 807772 | Experimental analysis | |
| <i>Cyprinus carpio</i> | 805684 | Teleostei | 806130 |
| | 806408 | Cyprinidae | |
| | 806755 | <i>Cyprinus carpio</i> | 806130 |
| | 807772 | Young | |
| | 808231 | Ictaluridae | |
| | 808243 | <i>Ictalurus punctatus</i> | 808512 |
| | 808438 | Crustacea | |
| | 808675 | As food for fish | |
| | 808678 | Cyprinidae | |
| | 808694 | <i>Cyprinus carpio</i> | 808240 |
| Clariidae | | Density dependent regulation | |
| <i>Clarias batrachus</i> | 807772 | Cyprinidae | |
| Chanidae | | <i>Cyprinus carpio</i> | 808240 |
| <i>Chanos chanos</i> | 808204 | Hatchery productivity | |
| Esocidae | | Cyprinidae | |
| <i>Esox lucius</i> | 808678 | <i>Cyprinus carpio</i> | 808231 |
| | 808694 | Artificial feeds and feeding | |
| Salmonidae | | Cyprinidae | |
| <i>Coregonus</i> | 808678 | <i>Cyprinus carpio</i> | 808688 |
| | 808694 | | 808689 |
| <i>Salmo</i> | 808243 | Artificial population manipulation | |
| <i>Salmo gairdneri</i> | 808678 | Fish control agents | |
| | 808694 | Ictaluridae | |
| Pondfish productivity | | <i>Ictalurus punctatus</i> | 808603 |
| Acipenseromorpha | 807676 | Hatchery productivity | |
| | 808425 | Centrarchidae | 803513 |
| <i>Acipenser gueldenstaedti</i> | 808342 | Cichlidae | |
| Teleostei | 803667 | <i>Tilapia mossambica</i> | 803513 |
| | 808996 | Serranidae | |
| Channiformes | | <i>Morone saxatilis</i> | 803513 |
| <i>Channa striatus</i> | 805474 | Poeciliidae | |
| Belontiidae | | <i>Gambusia affinis</i> | 803513 |
| <i>Trichogaster pectoralis</i> | 805474 | Cyprinidae | |
| Mugiloidae | | <i>Aristichthys nobilis</i> | 808423 |
| <i>Mugil capito</i> | 805370 | <i>Ctenopharyngodon idella</i> | 808423 |
| <i>Mugil cephalus</i> | 803554 | | 808440 |
| | 805370 | <i>Hypophthalmichthys molitrix</i> | 808423 |
| Centrarchidae | 806273 | Ictaluridae | |
| <i>Lepomis cyanellus</i> | 804412 | <i>Ictalurus punctatus</i> | 803513 |
| <i>Lepomis macrochirus</i> | 804412 | Salmonidae | |
| | 805140 | <i>Salmo gairdneri</i> | 803513 |
| | 806880 | | 806531 |
| <i>Micropterus salmoides</i> | 804412 | | 808612 |
| Cichlidae | 805370 | <i>Salmo trutta</i> | 803513 |
| <i>Tilapia</i> | 808482 | | 806531 |
| <i>Tilapia aurea</i> | 806880 | | 808613 |
| <i>Tilapia aurea X</i> | | <i>Salvelinus fontinalis</i> | 803513 |
| <i>Tilapia nilotica X</i> | 805973 | Fishery statistics | |
| <i>Tilapia macrochir</i> | 806117 | Salmonidae | |
| <i>Tilapia melanopleura</i> | 806117 | <i>Oncorhynchus tshawytscha</i> | 808658 |
| <i>Tilapia mossambica</i> | 806934 | Artificial breeding environments | |
| <i>Tilapia zilli</i> | 806117 | Mugiloidae | |
| Percidae | | <i>Mugil capito</i> | 804629 |
| <i>Stizostedion lucioperca</i> | 805486 | Cichlidae | |
| Serranidae | | <i>Tilapia leucosticta</i> | 805587 |
| <i>Morone saxatilis</i> | 806649 | <i>Tilapia mossambica</i> | 807710 |
| | 806671 | Sparidae | |
| <i>Morone saxatilis X</i> | | <i>Pagrus major</i> | 805624 |
| <i>Morone chrysops X</i> | 806671 | Ictaluridae | |
| Theraponidae | | <i>Ictalurus punctatus</i> | 803894 |
| <i>Therapon plumbeus</i> | 805474 | | 808512 |
| Cyprinidae | 805634 | Salmonidae | |
| | 808632 | <i>Coregonus nasus</i> | 807666 |
| <i>Barbus javanicus</i> | 805474 | Effect on fish | |
| <i>Carassius auratus</i> | 805486 | Centrarchidae | |
| <i>Catla catla</i> | 808615 | <i>Lepomis macrochirus</i> | 805140 |
| <i>Cirrhina mrigala</i> | 808615 | Pounds and live cars | |
| <i>Cyprinus carpio</i> | 805370 | Sparidae | |
| | 805486 | <i>Mylio macrocephalus</i> | 805620 |
| | 805973 | <i>Pagrus major</i> | 805620 |

| Artificial fertilization | | Spawning channels | | Fish culture (continued) | |
|------------------------------------|--------|-------------------|-------------------------------------|--------------------------|--|
| Acipenseromorpha | | 805559 | Experimental analysis | | |
| <i>Acipenser gueldenstaedti</i> | | 808425 | Salmonidae | | |
| <i>Acipenser ruthenus</i> | | 808425 | <i>Oncorhynchus keta</i> | 808797 | |
| <i>Acipenser stellatus</i> | | 808425 | <i>Oncorhynchus tshawytscha</i> | 808797 | |
| Centrarchidae | | | Aeration and circulation | | |
| <i>Lepomis macrochirus</i> | 807867 | | Mugiloidae | | |
| <i>Lepomis macrochirus X</i> | | | <i>Mugil cephalus</i> | 808529 | |
| <i>Lepomis gibbosus X</i> | 807867 | | Antibiotics | | |
| Serranidae | | | Experimental analysis | | |
| <i>Morone saxatilis</i> | 806649 | | Salmonidae | | |
| Sparidae | | | <i>Salvelinus fontinalis</i> | 806971 | |
| <i>Mylio macrocephalus</i> | 805619 | | Automatic egg sorter | | |
| <i>Pagrus major</i> | 805618 | | Salmonidae | 808549 | |
| | 805624 | | Malachite green | | |
| Poeciliidae | | | Prophylactic treatment | | |
| <i>Xiphophorus</i> | 803507 | | Lethal environmental limits | | |
| Clupeidae | | | Centrarchidae | | |
| <i>Hilsa ilisha</i> | 804842 | | <i>Lepomis gibbosus</i> | 808560 | |
| Cyprinidae | | | <i>Lepomis macrochirus</i> | 808560 | |
| <i>Aristichthys nobilis</i> | 808423 | | Salt flotation | | |
| <i>Ctenopharyngodon idella</i> | 808423 | | Effect on fish | | |
| <i>Cyprinus carpio</i> | 808698 | | Developing egg | | |
| <i>Hypophthalmichthys molitrix</i> | 808966 | | Salmonidae | | |
| <i>Hypophthalmichthys molitrix</i> | 808423 | | <i>Oncorhynchus kisutch</i> | 808564 | |
| Salmonidae | | | Sugar flotation | | |
| <i>Salmo gairdneri</i> | 807431 | | Effect on fish | | |
| Experimental analysis | | | Developing egg | | |
| Cyprinidae | | | Salmonidae | | |
| <i>Cyprinus carpio</i> | 806413 | | <i>Oncorhynchus kisutch</i> | 808564 | |
| Egg overripeness | | | | | |
| Experimental analysis | | | Hormone induced reproduction | | |
| Salmonidae | | | Acipenseromorpha | 805559 | |
| <i>Oncorhynchus gorbuscha</i> | 807908 | | 808425 | | |
| <i>Oncorhynchus nerka</i> | 807908 | | <i>Polyodon spathula</i> | 804073 | |
| Sperm age and survival | | | Teleostei | 806111 | |
| Experimental analysis | | | Mugiloidae | | |
| Salmonidae | | | <i>Mugil capito</i> | 804629 | |
| <i>Oncorhynchus gorbuscha</i> | 807908 | | <i>Mugil cephalus</i> | 805685 | |
| <i>Oncorhynchus nerka</i> | 807908 | | Carangidae | | |
| Artificial incubation | | | <i>Seriola quinqueradiata</i> | 806587 | |
| Acipenseromorpha | | | Serranidae | | |
| <i>Acipenser gueldenstaedti</i> | 808425 | | <i>Morone saxatilis</i> | 806649 | |
| <i>Acipenser ruthenus</i> | 808425 | | | 806671 | |
| <i>Acipenser stellatus</i> | 808425 | | Sparidae | | |
| <i>Huso huso</i> | 808425 | | <i>Mylio macrocephalus</i> | 805619 | |
| Mugiloidae | | | | 805620 | |
| <i>Mugil cephalus</i> | 805685 | | Clupeidae | | |
| Cichlidae | | | <i>Hilsa ilisha</i> | 804842 | |
| <i>Tilapia nilotica</i> | 805682 | | Cyprinidae | 808577 | |
| Percidae | | | <i>Aristichthys nobilis</i> | 808423 | |
| <i>Stizostedion vitreum</i> | 806469 | | <i>Catla catla</i> | 806061 | |
| Serranidae | | | <i>Cirrhina mrigala</i> | 805607 | |
| <i>Morone saxatilis</i> | 806649 | | | 806061 | |
| | 806671 | | <i>Crossocheilus</i> | 806699 | |
| Sparidae | | | <i>Ctenopharyngodon idella</i> | 808423 | |
| <i>Mylio macrocephalus</i> | 805619 | | | 808440 | |
| <i>Pagrus major</i> | 805618 | | | 808502 | |
| Pleuronectidae | | | <i>Cyprinus carpio</i> | 808416 | |
| <i>Eopsetta jordani</i> | 808867 | | | 808698 | |
| <i>Hippoglossoides elassodon</i> | 806455 | | <i>Hypophthalmichthys molitrix</i> | 808966 | |
| | 808867 | | <i>Labeo rohita</i> | 808423 | |
| Clupeidae | | | | 805607 | |
| <i>Alosa sapidissima</i> | 806469 | | <i>Oxygaster bacaila</i> | 806061 | |
| <i>Sardinia pilchardus</i> | 804529 | | <i>Heteropneustes fossilis</i> | 806901 | |
| Catostomidae | 806469 | | Heteropneustidae | | |
| Cyprinidae | | | Pangasiidae | 806730 | |
| <i>Aristichthys nobilis</i> | 808423 | | <i>Pangasius sutchi</i> | 804267 | |
| <i>Ctenopharyngodon idella</i> | 808423 | | Biochemical blood constituents | | |
| | 808440 | | Experimental analysis | | |
| <i>Cyprinus carpio</i> | 808450 | | Cyprinidae | | |
| | 808698 | | <i>Carassius auratus</i> | 804125 | |
| | 808966 | | Milt | | |
| <i>Hypophthalmichthys molitrix</i> | 808423 | | Experimental analysis | | |
| <i>Leuciscus cephalus</i> | 806441 | | Cyprinidae | | |
| Esocidae | 806469 | | <i>Carassius auratus</i> | 804125 | |
| Salmonidae | 806466 | | | | |
| <i>Salmo trutta</i> | 806469 | | Milt storage | | |
| <i>Salvelinus fontinalis</i> | 806414 | | Teleostei | 809081 | |
| | 807836 | | Serranidae | | |
| Hirudinea | | | <i>Morone chrysops</i> | 808508 | |
| As parasite | | | <i>Salmo gairdneri</i> | 807431 | |
| Salmonidae | | | Experimental analysis | | |
| <i>Oncorhynchus tshawytscha</i> | 808541 | | Salmonidae | | |
| Oral brooding | | | <i>Salmo salar</i> | 807551 | |
| Cichlidae | | | Ion and water relationships | | |
| <i>Hemihaplochromis multicolor</i> | 804708 | | Biochemistry | | |
| Prophylactic treatment | | | Salmonidae | | |
| Aeration and circulation | | | <i>Salmo salar</i> | 807363 | |
| Salmonidae | | | Mineral content | | |
| <i>Salvelinus fontinalis</i> | 808985 | | Salmonidae | | |
| | | | <i>Salmo salar</i> | 807363 | |

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|------------------------------------|------------------------------------|--------|------------------------------------|--------|
| Fish culture (continued) | Artificial selection | | Salmonidae | |
| | Cyprinidae | | <i>Salmo salar</i> | 805143 |
| | <i>Cyprinus carpio</i> | 808967 | | 805144 |
| Waterborne antireproductive factor | | | Inorganics in water | |
| | Teleostei | 806111 | Diseases of fishes | |
| | Cyprinidae | | Salmonidae | |
| | <i>Carassius auratus</i> | 808542 | <i>Salvelinus fontinalis</i> | 808522 |
| Experimental analysis | | | Organics in water | |
| | Cyprinodontidae | | Inorganics in water | |
| | <i>Jordanella floridae</i> | 805877 | Percidae | |
| Artificial rearing environments | | | <i>Stizostedion lucioperca</i> | 805486 |
| | Acipenseromorpha | 808425 | Cyprinidae | |
| | <i>Acipenser gueldenstaedti</i> | 808342 | <i>Carassius auratus</i> | 805486 |
| | Mugiloidae | | <i>Cyprinus carpio</i> | 805486 |
| | <i>Mugil cephalus</i> | 805686 | Oxygen | |
| Centrarchidae | | | Teleostei | 808629 |
| | <i>Micropterus salmoides</i> | 805555 | Salmonidae | |
| Cichlidae | | | <i>Oncorhynchus tshawytscha</i> | 808521 |
| | <i>Tilapia aurea</i> | 805686 | Substratum | |
| | <i>Tilapia aurea X</i> | | Experimental analysis | |
| | <i>Tilapia nilotica X</i> | 805686 | Centrarchidae | |
| | <i>Tilapia mossambica</i> | 807710 | <i>Lepomis macrochirus</i> | 806880 |
| Serranidae | | | Cichlidae | |
| | | | <i>Tilapia aurea</i> | 806880 |
| | <i>Morone saxatilis</i> | 806671 | Cyprinidae | |
| | | 806649 | <i>Cyprinus carpio</i> | 806880 |
| | <i>Morone saxatilis X</i> | 806671 | Crustacea | |
| | <i>Morone chrysops X</i> | 806649 | Description and occurrence | |
| | | 806671 | Cyprinidae | |
| Sparidae | | | <i>Cyprinus carpio</i> | 808234 |
| | <i>Eynniss japonica</i> | 805626 | Mollusca | |
| | <i>Mylio macrocephalus</i> | 805619 | As food for fish | |
| | | 805620 | Cyprinidae | 808449 |
| | | 805618 | Density dependent regulation | |
| | <i>Pagrus major</i> | 805620 | Teleostei | 808629 |
| | | 805621 | Straining for food | |
| | | 805624 | Productivity | |
| | | 805626 | Cichlidae | |
| Anoplopomatidae | | | <i>Tilapia</i> | 805416 |
| | <i>Anoplopoma fimbria</i> | 807905 | Poeciliidae | |
| Clupeidae | | | <i>Poecilia sphenops</i> | 805416 |
| | <i>Hilsa ilisha</i> | 804842 | Characidae | |
| | <i>Opisthonema oglinum</i> | 807848 | <i>Merynnis</i> | 805416 |
| | <i>Sardina pilchardus</i> | 804529 | Cyprinidae | 805416 |
| Cyprinidae | | | Gyrinocheilidae | 805416 |
| | | 805606 | Mochokidae | |
| | | 808572 | <i>Synodontis nigriventris</i> | 805416 |
| | <i>Aristichthys nobilis</i> | 808592 | Productivity | |
| | <i>Ctenopharyngodon idella</i> | 808423 | Teleostei | 808629 |
| | | 807005 | Pondfish productivity | |
| | <i>Cyprinus carpio</i> | 808423 | Teleostei | 808679 |
| | | 805681 | Cyprinidae | |
| | | 805686 | <i>Cyprinus carpio</i> | 808676 |
| | | 806122 | Artificial population manipulation | |
| | | 806412 | Experimental analysis | |
| | | 807187 | Cyprinidae | |
| | | 808228 | <i>Ctenopharyngodon idella</i> | 808457 |
| | | 808688 | <i>Cyprinus carpio</i> | 808457 |
| | | 808966 | <i>Hypophthalmichthys molitrix</i> | 808457 |
| | <i>Hypophthalmichthys molitrix</i> | 808423 | Pounds and live cars | |
| Ictaluridae | | | Temperature | |
| | <i>Ictalurus punctatus</i> | 803894 | Cyprinidae | |
| | | 806822 | <i>Cyprinus carpio</i> | 808226 |
| | | 808413 | Heat pollution | |
| Pangasiidae | | | Cyprinidae | |
| | <i>Pangasius pangasius</i> | 808572 | <i>Cyprinus carpio</i> | 808244 |
| Salmonidae | | | | 808245 |
| | <i>Salmo gairdneri</i> | 806466 | | 808249 |
| | <i>Salmo trutta</i> | 806469 | | |
| | | 808506 | | |
| Experimental analysis | | 806468 | | |
| | Cyprinidae | | | |
| | <i>Cyprinus carpio</i> | 807652 | | |
| Effect on fish | | | | |
| | Body content | | | |
| | Cichlidae | | | |
| | <i>Tilapia mossambica</i> | 808350 | | |
| Larva | | | | |
| | Cyprinidae | | | |
| | <i>Ctenopharyngodon idella</i> | 808440 | | |
| Fry | | | | |
| | Cyprinidae | | | |
| | <i>Ctenopharyngodon idella</i> | 808419 | | |
| | <i>Cyprinus carpio</i> | 808698 | | |
| | <i>Hypophthalmichthys molitrix</i> | 808419 | | |
| Temperature | | | | |
| | Salmonidae | | | |
| | <i>Oncorhynchus tshawytscha</i> | 806873 | | |
| Oxygen | | | | |
| | Cyprinidae | | | |
| | <i>Cyprinus carpio</i> | 808225 | | |
| Salinity | | | | |
| | Mugiloidae | | | |
| | <i>Mugil capito</i> | 804629 | | |

| Catostomidae | | Rectal digestion | | Fish culture (continued) |
|---------------------------------|--------|-------------------------------|--------|-----------------------------|
| <i>Catostomus commersoni</i> | 806115 | Ictaluridae | | |
| Cyprinidae | | <i>Ictalurus punctatus</i> | 806086 | |
| <i>Cyprinus carpio</i> | 805681 | Salmonidae | 806086 | |
| | 808226 | Larva | | |
| | 808687 | Sparidae | | |
| | 808688 | <i>Mylio macrocephalus</i> | 805619 | |
| | 808689 | <i>Pagrus major</i> | 805621 | |
| Ictaluridae | | Young | | |
| <i>Ictalurus punctatus</i> | 803894 | Sparidae | | |
| | 808413 | <i>Pagrus major</i> | 805618 | |
| | 808512 | Fry | | |
| Chanidae | | Cyprinidae | 808592 | |
| <i>Chanos chanos</i> | 808204 | <i>Cirrhina mrigala</i> | 806725 | |
| Salmonidae | | Young | | |
| <i>Oncorhynchus</i> | 806467 | Mugiloidae | | |
| <i>Oncorhynchus gorbusha</i> | 806617 | <i>Mugil</i> | 805557 | |
| <i>Salmo gairdneri</i> | 803793 | Sparidae | | |
| <i>Salmo salar</i> | 803382 | <i>Sparus aurata</i> | 805557 | |
| <i>Salvelinus namaycush</i> | 803793 | Anguillidae | | |
| Biochemistry | 808505 | <i>Anguilla anguilla</i> | 808481 | |
| Experimental analysis | 808232 | Cyprinidae | | |
| Teleostei | | <i>Carassius carassius</i> | 805507 | |
| Centrarchidae | 808692 | Rate of growth | | |
| <i>Micropterus salmoides</i> | 808513 | Experimental analysis | | |
| Ictaluridae | | Ictaluridae | | |
| <i>Ictalurus punctatus</i> | 808551 | <i>Ictalurus melas</i> | 807779 | |
| Salmonidae | | <i>Ictalurus punctatus</i> | 807779 | |
| <i>Oncorhynchus nerka</i> | 807498 | Energy conversion efficiency | | |
| <i>Oncorhynchus tshawytscha</i> | 808799 | Teleostei | 806086 | |
| <i>Salmo gairdneri</i> | 808424 | Salmonidae | | |
| | 808507 | <i>Salmo gairdneri</i> | 808693 | |
| Effect on fish | | Dietary requirements | | |
| Body content | | Ictaluridae | | |
| Cyprinidae | | <i>Ictalurus punctatus</i> | 808406 | |
| <i>Cyprinus carpio</i> | | Protein requirements | | |
| Salmonidae | 808210 | Teleostei | 806086 | |
| <i>Salmo gairdneri</i> | 808209 | Experimental analysis | | |
| Coloration | | Ictaluridae | | |
| Sparidae | | <i>Ictalurus punctatus</i> | 808523 | |
| <i>Pagrus major</i> | 805623 | Amino acid requirements | | |
| Salmonidae | | Teleostei | 806086 | |
| <i>Oncorhynchus gorbusha</i> | 807360 | Experimental analysis | | |
| <i>Salmo clarki</i> | 807360 | Salmonidae | | |
| <i>Salmo gairdneri</i> | 807360 | <i>Salvelinus fontinalis</i> | 808848 | |
| Erythrocytes | | Vitamin requirements | | |
| Salmonidae | | Salmonidae | | |
| <i>Oncorhynchus keta</i> | 807681 | <i>Salvelinus fontinalis</i> | 808846 | |
| Hemoglobin | | Adibitum food capacity | | |
| Salmonidae | | Teleostei | 806086 | |
| <i>Salmo gairdneri</i> | 808209 | Experimental analysis | | |
| Young | | Carangidae | | |
| Salmonidae | | <i>Seriola quinqueradiata</i> | 805503 | |
| <i>Oncorhynchus keta</i> | 807681 | Balistidae | | |
| Rate of growth | | <i>Monacanthus tomentosus</i> | 805503 | |
| Sparidae | | Tetraodontidae | | |
| <i>Pagrus major</i> | 805623 | <i>Fugu vermicularis</i> | 805503 | |
| Cyprinidae | | Salmonidae | | |
| <i>Cyprinus carpio</i> | 808210 | <i>Salmo gairdneri</i> | 805503 | |
| Protein content | | Intraspecific variation | | |
| Experimental analysis | | Experimental analysis | | |
| Salmonidae | | Cyprinidae | | |
| <i>Salvelinus fontinalis</i> | 808848 | <i>Cyprinus carpio</i> | 807652 | |
| Effect on fish | | Algae | | |
| Cyprinidae | | Body content | | |
| <i>Cyprinus carpio</i> | 808228 | Cichlidae | | |
| Lipid and fatty acid content | | <i>Tilapia mossambica</i> | 808350 | |
| Teleostei | 806085 | Selfregulation of food intake | | |
| Experimental analysis | | Ictaluridae | 808277 | |
| Carangidae | | Antivitamin content | | |
| <i>Seriola quinqueradiata</i> | 804207 | Experimental analysis | | |
| Ictaluridae | | Salmonidae | | |
| <i>Ictalurus punctatus</i> | 808800 | <i>Salmo salar</i> | 805144 | |
| Effect on fish | | Amino acids | | |
| Salmonidae | | Vascular plants | | |
| <i>Salmo trutta</i> | 808856 | Dietary requirements | | |
| | 808860 | Cyprinidae | | |
| | 808864 | <i>Cyprinus carpio</i> | 807761 | |
| Rate of growth | | Chelated minerals | | |
| Ictaluridae | | Mineral requirements | | |
| <i>Ictalurus punctatus</i> | 808800 | Experimental analysis | | |
| Gastric digestion | | Salmonidae | | |
| Ictaluridae | | <i>Salmo clarki</i> | 807878 | |
| <i>Ictalurus punctatus</i> | 806086 | <i>Salmo gairdneri</i> | 807878 | |
| Salmonidae | 806086 | Galactosidase | | |
| Experimental analysis | | Effect on fish | | |
| Salmonidae | | Carbohydrate content | | |
| <i>Salmo gairdneri</i> | 807453 | Salmonidae | | |
| Intestinal digestion | | <i>Salmo gairdneri</i> | 805506 | |
| Ictaluridae | | Isoenzymes | | |
| <i>Ictalurus punctatus</i> | 806086 | Salmonidae | | |
| Salmonidae | 806086 | <i>Salmo gairdneri</i> | 805506 | |

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|-----------------------------|------------------------------------|--------|------------------------------------|---------|
| Fish culture (continued) | Pond fertilization and feeding | | <i>Dorosoma pseudoharengus</i> | 80999 |
| | | | Salmonidae | |
| | | 807930 | <i>Salmo gairdneri</i> | 809099 |
| | | 807941 | Effect on fish | |
| | Acipenseromorpha | | Larva | |
| | <i>Acipenser gueldenstaedti</i> | 808342 | Petromyzontomorpha | |
| | Teleostei | 806130 | <i>Petromyzon marinus</i> | 805642 |
| | | 808680 | | 805643 |
| | Centrarchidae | | Antimycin-A | |
| | <i>Lepomis macrochirus</i> | 806880 | Teleostei | 804222 |
| | Cichlidae | | Larva | |
| | <i>Tilapia aurea</i> | 806880 | Petromyzontomorpha | |
| | <i>Tilapia aurea X</i> | | <i>Petromyzon marinus</i> | 805581 |
| | <i>Tilapia nilotica X</i> | 805973 | Experimental analysis | |
| | Percidae | | Petromyzontomorpha | 807537 |
| | <i>Stizostedion lucioperca</i> | 806484 | <i>Petromyzon marinus</i> | |
| | Cyprinidae | 808592 | Hydrogen ion concentration | |
| | <i>Cyprinus carpio</i> | 805973 | Experimental analysis | |
| | | 806110 | Centrarchidae | 808814 |
| | | 806130 | Antimycin | |
| | | 806484 | Experimental analysis | |
| | | 806880 | Centrarchidae | 806985 |
| | <i>Rutilus rutilus</i> | 808434 | Clupeidae | |
| | Salmonidae | 806484 | <i>Dorosoma cepedianum</i> | 806985 |
| | <i>Salmo</i> | 806109 | Cyprinidae | 806985 |
| | Pondfish productivity | | <i>Notemigonus crysoleucas</i> | |
| | Cyprinidae | | Ictaluridae | 806985 |
| | <i>Cyprinus carpio</i> | 808347 | <i>Ictalurus punctatus</i> | |
| | Trace elements | | Poison content | |
| | Experimental analysis | | Biochemistry | |
| | Chanidae | | Cyprinidae | |
| | <i>Chanos chanos</i> | 808204 | <i>Cyprinus carpio</i> | 809021 |
| | Waterborne antigrowth factor | | Salmonidae | 809021 |
| | Teleostei | 805462 | Lethal environmental limits | |
| | Experimental analysis | | Dasyatidae | 807806 |
| | Belontiidae | | Teleostei | 807806 |
| | <i>Trichogaster trichopterus</i> | 807083 | Carangidae | 807806 |
| | Cyprinidae | | Centropomidae | |
| | <i>Brachydanio rerio</i> | 807083 | <i>Centropomus undecimalis</i> | 807806 |
| | Artificial population manipulation | | Echeneidae | |
| | Mugiloidae | | <i>Echeneis naucrates</i> | 807806 |
| | <i>Mugil cephalus</i> | 805686 | Sciaenidae | 807806 |
| | Cichlidae | | Cyprinodontidae | 807806 |
| | <i>Tilapia aurea</i> | 805686 | Engraulidae | |
| | <i>Tilapia aurea X</i> | | <i>Anchoa hepsetus</i> | 807806 |
| | <i>Tilapia nilotica X</i> | 805686 | Ariidae | -807806 |
| | Anguillidae | | <i>Arius felis</i> | |
| | <i>Anguilla anguilla</i> | 808670 | Synodontidae | |
| | Cyprinidae | 808572 | <i>Synodus foetens</i> | 807806 |
| | <i>Cyprinus carpio</i> | 805686 | Artificial population manipulation | |
| | Pangasidae | | Coarse fish control | |
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| Clupeidae | | <i>Trachurus</i> | 806337 | |
| <i>Sardinops melanosticta</i> | 806332 | Pomadasyidae | 807764 | |
| Recording cameras and tv | | Sciaenidae | 804990 | |
| Salmonidae | | Serranidae | 804990 | |
| <i>Oncorhynchus</i> | 805441 | <i>Epinephelus</i> | 807764 | |
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| Histology | | <i>Calamus bajonado</i> | 804990 | |
| Salmonidae | | Scombridae | 807764 | |
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| Salmonidae | | Trachinidae | 806337 | |
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| | 806662 | Pleuronectidae | 807764 | |
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| <i>Thunnus albacares</i> | 807782 | <i>Pleuronectes</i> | 806330 | |
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| Teleostei | 808792 | <i>Sebastes</i> | 804990 | |
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| | 805440 | Clupeidae | 806341 | |
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| <i>Morone chrysops</i> | 806159 | <i>Esox lucius</i> | 808233 | |
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| <i>Euthynnus pelamis</i> | 808278 | <i>Salmo clarki</i> | 805645 | |
| | 808283 | <i>Salmo gairdneri</i> | 807419 | |
| <i>Scomber scombrus</i> | 808066 | | 806025 | |
| | 808067 | <i>Salmo salar</i> | 807959 | |
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| <i>Thunnus albacares</i> | 807189 | | 806028 | |
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| <i>Thunnus thynnus</i> | 804634 | | 807708 | |
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| | 808867 | | 808124 | |
| <i>Hippoglossoides platessoides</i> | 807423 | | 808125 | |
| <i>Hippoglossus hippoglossus</i> | 808126 | <i>Salmo trutta</i> | 804830 | |
| <i>Hippoglossus stenolepis</i> | 808159 | | 805917 | |
| | 808161 | | 806254 | |
| <i>Lepidopsetta bilineata</i> | 807906 | | 807556 | |
| <i>Parophrys vetulus</i> | 805942 | | 807959 | |
| | 805943 | <i>Salvelinus alpinus</i> | 806254 | |
| | 805944 | <i>Salvelinus fontinalis</i> | 806972 | |
| <i>Pseudopleuronectes americanus</i> | 807859 | Experimental analysis | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | Mugiloidae | | |
| | 807767 | <i>Liza macrolepis</i> | 805054 | |
| Soleidae | | Embiotocidae | 808741 | |
| <i>Solea solea</i> | 806557 | Percidae | | |
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| <i>Anoplopoma fimbria</i> | 805948 | <i>Perca fluviatilis</i> | 805984 | |
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| | 805307 | <i>Esox lucius</i> | 805984 | |
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| | 808102 | Engraulidae | | |
| | 808107 | <i>Engraulis mordax</i> | 808724 | |
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| <i>Carpodus carpio</i> | 807844 | <i>Oncorhynchus kisutch</i> | 807442 | |
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| <i>Catostomus commersoni</i> | 807376 | Salmonidae | | |
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| | 805277 | <i>Salmo clarki</i> | 808556 | |
| | 805278 | <i>Salmo gairdneri</i> | 807797 | |
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| | 808887 | Salmonidae | | |
| | 808088 | <i>Salmo gairdneri</i> | 807797 | |
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| | 805290 | Salmonidae | | |
| | 808037 | <i>Salmo gairdneri</i> | 808557 | |
| | 808093 | Fins | | |
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| | | <i>Salmo gairdneri</i> | 808697 | |

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| | Stress reactions | | Salmonidae | |
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| | <i>Embiotoca lateralis</i> | 806881 | Enzymology | |
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| <i>Decapterus punctatus</i> | 807276 | <i>Oncorhynchus keta</i> | 808790 | |

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|------------------------------------------|---------------------------------|--------|----------------------------------|--------|
| Ichthyological techniques (continued) | Computer analysis | | Salmonidae | |
| | Salmonidae | | <i>Oncorhynchus nerka</i> | 807259 |
| | <i>Oncorhynchus keta</i> | 804884 | <i>Salvelinus alpinus</i> | 809034 |
| | Geographic variation | | Ecotypes | |
| | Salmonidae | | Populations | |
| | <i>Oncorhynchus nerka</i> | 807916 | Clupeidae | |
| | Temperature | | <i>Clupea harengus</i> | 807921 |
| | Experimental analysis | | Still photography | |
| | Cyprinidae | | Teleostei | 805959 |
| | <i>Carassius auratus</i> | 804800 | Skeleton age study | |
| | Populations | | Mugiloidi | |
| | Salmonidae | | <i>Liza ramada</i> | 805023 |
| | <i>Oncorhynchus keta</i> | 805350 | Sillaginidae | |
| | <i>Oncorhynchus tshawytscha</i> | 803526 | <i>Sillago panijus</i> | 808577 |
| | Identification | | Scombridae | |
| | Salmonidae | | <i>Scomber japonicus</i> | 804306 |
| | <i>Oncorhynchus nerka</i> | 805351 | Pleuronectidae | |
| | | 807258 | <i>Parophrys vetulus</i> | 805946 |
| | Seasonal changes | | | 805947 |
| | Experimental analysis | | Ariidae | |
| | Serranidae | | <i>Osteogobius militaris</i> | 805520 |
| | <i>Morone americana</i> | 807812 | | 805521 |
| | Still photography | | | 808577 |
| | Teleostei | 805959 | Bagridae | |
| Otolith age study | | 808718 | <i>Mystus gulio</i> | 808577 |
| Berycidae | | | Ictaluridae | |
| <i>Beryx splendens</i> | 807154 | | <i>Pygidictis olivaris</i> | 807790 |
| Gobiidae | | | Mormyridae | 803915 |
| <i>Thorogobius ephippiatus</i> | 805403 | | Salmonidae | |
| Mugiloidi | | | <i>Salmo trutta</i> | 803950 |
| <i>Ctenimugil labrosus</i> | 804533 | | Experimental analysis | |
| Lethrinidae | | | Catostomidae | |
| <i>Lethrinus lentjan</i> | 808584 | | <i>Catostomus commersoni</i> | 807376 |
| Pomadasyidae | | | Pectoral fins | |
| <i>Brachydeuterus auritus</i> | 806754 | | Salmonidae | |
| Sciaenidae | | | <i>Oncorhynchus keta</i> | 807416 |
| <i>Pseudotolithus senegalensis</i> | 806747 | | <i>Oncorhynchus nerka</i> | 807416 |
| | 806762 | | Still photography | |
| <i>Pseudotolithus typus</i> | 806747 | | Teleostei | 805959 |
| | 806762 | | Urohyal | |
| Serranidae | | | Carangidae | |
| <i>Epinephelus morio</i> | 806260 | | <i>Trachurus japonicus</i> | 805438 |
| Sillaginidae | | | Physiological techniques | 807639 |
| <i>Sillago panijus</i> | 808569 | | Squalomorpha | 803530 |
| Scombridae | | | Surgical techniques | |
| <i>Scomber japonicus</i> | 804306 | | Teleostei | 806620 |
| Pleuronectidae | | | Cyprinidae | |
| <i>Lepidopsetta bilineata</i> | 807906 | | <i>Carassius auratus</i> | 803808 |
| <i>Limanda aspera</i> | 804116 | | | 806053 |
| | 807907 | | <i>Cyprinus carpio</i> | 803759 |
| <i>Parophrys vetulus</i> | 805945 | | <i>Phoxinus phoxinus</i> | 803828 |
| | 805946 | | | |
| <i>Reinhardtius hippoglossoides</i> | 807106 | | Pineal | |
| Agonidae | | | Cyprinodontidae | |
| <i>Agonus cataphractus</i> | 807955 | | <i>Fundulus heteroclitus</i> | 803587 |
| Comphoridae | | | Adenohypophysis | |
| <i>Comphorus baicalensis</i> | 807760 | | Cyprinidae | |
| <i>Comphorus dybowski</i> | 807760 | | <i>Carassius auratus</i> | 804491 |
| Cottidae | | | Bagridae | |
| <i>Cottus beldingi</i> | 808721 | | <i>Mystus vittatus</i> | 804546 |
| <i>Cottus gobio</i> | 803678 | | Adrenal cortex | |
| <i>Leptocottus armatus</i> | 807962 | | Anguillidae | |
| Cottocomphoridae | | | <i>Anguilla rostrata</i> | 804544 |
| <i>Cottocomphorus comephoroides</i> | 807760 | | Gas bladder | |
| <i>Cottocomphorus grewinki</i> | 807760 | | Holocentridae | |
| Scorpaenidae | | | <i>Holocentrus rufus</i> | 807223 |
| <i>Sebastes mentella</i> | 804333 | | Batrachoidiformes | |
| Clupeidae | | | <i>Opsanus tau</i> | 807223 |
| <i>Clupea harengus</i> | 805308 | | Liver | |
| | 805910 | | Anguillidae | |
| | 805911 | | <i>Anguilla japonica</i> | 805501 |
| | 807461 | | Blood collection | |
| | 809060 | | Rajidae | |
| <i>Hilsa ilisha</i> | 808577 | | <i>Raja radiata</i> | 804428 |
| <i>Opisthoproctus tardoore</i> | 808574 | | Teleostei | 806620 |
| <i>Sardinella cba</i> | 808013 | | Belontiidae | |
| <i>Sprattus sprattus</i> | 808307 | | <i>Trichogaster trichopterus</i> | 808752 |
| Engraulidae | | | Salmonidae | |
| <i>Engraulis mordax</i> | 807894 | | <i>Salmo gairdneri</i> | 804446 |
| Cobitidae | | | Effect on fish | |
| <i>Noemacheilus barbatulus</i> | 803678 | | Salmonidae | |
| Gadidae | | | <i>Salvelinus fontinalis</i> | 807457 |
| <i>Gadus morhua</i> | 805519 | | Injection | |
| | 807541 | | Rajidae | |
| <i>Lota lota</i> | 806834 | | <i>Raja radiata</i> | 804428 |
| <i>Pollachius virens</i> | 807075 | | Physiological solutions | |
| Merlucciidae | | | Petromyzontomorpha | 809082 |
| <i>Merluccius merluccius</i> | 808297 | | Elasmobranchii | 809082 |
| Zoarcidae | | | Teleostei | 807223 |
| <i>Lycodopsis pacifica</i> | 807500 | | | 809082 |
| Argentinidae | | | | |
| <i>Argentina sphyryna</i> | 803868 | | | |

| Metabolism measurement | | Salinity | | Ichthyological techniques (continued) |
|------------------------------------|--------|------------------------------------|--------|------------------------------------------|
| Fry | | Temperature | | |
| Centrarchidae | | Salmonidae | | |
| <i>Micropterus salmoides</i> | 807825 | <i>Oncorhynchus gorbuscha</i> | 808924 | |
| Metabolite collection | | Oxygen | | |
| Teleostei | 806620 | Scorpaenidae | | |
| Gasterosteidae | | <i>Sebastes miniatus</i> | 808759 | |
| <i>Gasterosteus aculeatus</i> | 803717 | Anguillidae | | |
| Anguillidae | | <i>Anguilla rostrata</i> | 803840 | |
| <i>Anguilla anguilla</i> | 803819 | Radioactive tracers | | |
| Salmonidae | | Poeciliidae | | |
| <i>Salmo gairdneri</i> | 804582 | <i>Poecilia sphenops</i> | 806610 | |
| Urine | | Cyprinidae | | |
| Gasterosteidae | | <i>Carassius carassius</i> | 806831 | |
| <i>Gasterosteus aculeatus</i> | 803593 | <i>Hypophthalmichthys molitrix</i> | 807653 | |
| Anguillidae | | Batrachoidiformes | | |
| <i>Anguilla japonica</i> | 808948 | <i>Opsanus tau</i> | 803998 | |
| Anguillidae | 804607 | | 805027 | |
| Respiration chambers | | Gadidae | | |
| Gobiidae | | <i>Gadus morhua</i> | 806522 | |
| <i>Chasmichthys</i> | 804874 | Immunological techniques | | |
| Cichlidae | | Clupeidae | | |
| <i>Tilapia nilotica</i> | 804394 | <i>Clupea harengus</i> | 805261 | |
| Anguillidae | | Anguillidae | | |
| <i>Anguilla anguilla</i> | 804632 | <i>Anguilla anguilla</i> | 804241 | |
| Cyprinidae | | Use as test animal | | |
| <i>Carassius auratus</i> | 808220 | Elasmobranchii | 804949 | |
| <i>Cyprinus carpio</i> | 806119 | Squalomorpha | 802530 | |
| Umbridae | | Teleostei | 804949 | |
| <i>Umbra limi</i> | 808026 | Neuroendocrine substances | | |
| Young | | Urophysis | | |
| Pleuronectidae | | Anguillidae | | |
| <i>Limanda limanda</i> | 804473 | <i>Anguilla anguilla</i> | 805223 | |
| <i>Pleuronectes platessa</i> | 804473 | Gonadotropin | | |
| Swimming chambers | 805863 | Teleostei | 807290 | |
| Elasmobranchii | 804968 | Cyprinidae | | |
| Teleostei | 804968 | <i>Carassius auratus</i> | 804125 | |
| Centrarchidae | | Developing egg | | |
| <i>Lepomis gibbosus</i> | 803826 | Embryo physiology | | |
| Percidae | | Cyprinidae | | |
| <i>Perca flavescens</i> | 807444 | <i>Brachydanio rerio</i> | 807083 | |
| <i>Stizostedion vitreum</i> | 807444 | Temperature | | |
| Sciaenidae | | Teleostei | 806876 | |
| <i>Leiostomus xanthurus</i> | 804666 | Food chains | | |
| <i>Micropterus undulatus</i> | 804666 | Insecticide pollutants | | |
| Scombridae | | Cyprinidae | | |
| <i>Euthynnus affinis</i> | 804994 | <i>Carassius auratus</i> | 806990 | |
| Ictaluridae | | Detergent pollutants | | |
| <i>Ictalurus nebulosus</i> | 803826 | Cyprinidae | | |
| Salmonidae | | <i>Carassius auratus</i> | 806990 | |
| <i>Salmo trutta</i> | 803826 | Behavior | | |
| Environment control devices | | Abnormality | | |
| Teleostei | 808170 | Cyprinidae | | |
| Cyprinodontidae | | <i>Carassius auratus</i> | 809025 | |
| <i>Cyprinodon variegatus</i> | 808813 | Poisons liberated into water | | |
| Poeciliidae | | Scombridae | | |
| <i>Poecilia latipinna</i> | 808813 | <i>Euthynnus pelamis</i> | 807595 | |
| <i>Poecilia reticulata</i> | 808921 | Poeciliidae | | |
| Clupeidae | | <i>Poecilia latipinna</i> | 807595 | |
| <i>Clupea harengus</i> | 804985 | Parasite life history | | |
| Megalopidae | | Cestoda | | |
| <i>Megalops atlantica</i> | 808813 | Cyprinidae | 807490 | |
| Cyprinidae | | Water pollutants | | |
| <i>Carassius auratus</i> | 803825 | Teleostei | 808950 | |
| Gadidae | | Salmonidae | 808949 | |
| <i>Gadus morhua</i> | 807373 | Experimental analysis | | |
| Salmonidae | | Poeciliidae | | |
| <i>Oncorhynchus kisutch</i> | 807342 | <i>Poecilia reticulata</i> | 808921 | |
| <i>Salmo salar</i> | 806255 | Pounds and live cars | | |
| Vertical distribution | | Salmonidae | | |
| Temperature | | <i>Oncorhynchus masou</i> | 807114 | |
| Salmonidae | 807469 | <i>Salmo gairdneri</i> | 807114 | |
| Nitrogen | | Heavy metal pollutants | | |
| Salmonidae | 807469 | Captive vs natural fishes | | |
| Temperature | | Salmonidae | | |
| Oryziatidae | | <i>Oncorhynchus tshawytscha</i> | 806157 | |
| <i>Oryzias latipes</i> | 805374 | Insecticide pollutants | | |
| Poeciliidae | | Cyprinodontidae | | |
| <i>Poecilia reticulata</i> | 805374 | <i>Cyprinodon variegatus</i> | 807295 | |
| Cyprinidae | | Poeciliidae | | |
| <i>Carassius auratus</i> | 806055 | <i>Gambusia affinis</i> | 807499 | |
| Water movement | | <i>Poecilia latipinna</i> | 807295 | |
| Pleuronectidae | | Cyprinidae | | |
| <i>Pleuronectes platessa</i> | 804192 | <i>Carassius auratus</i> | 804648 | |
| Water pressure | | Experimental analysis | | |
| Belontiidae | | Poeciliidae | | |
| <i>Macropodus opercularis</i> | 807737 | <i>Gambusia affinis</i> | 809051 | |
| Esocidae | | Cyprinidae | | |
| <i>Esox lucius</i> | 807737 | <i>Carassius auratus</i> | 806865 | |
| | | Breathing | | |
| | | Cyprinidae | | |
| | | <i>Carassius auratus</i> | 806865 | |

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|------------------------------------------|--------------------------------------|--------|------------------------------------|--------|
| Ichthyological techniques (continued) | Detergent pollutants | | Tissue culture techniques | |
| | Cyprinodontidae | | | |
| | <i>Jordanella floridae</i> | 805877 | Petromyzontomorpha | 809082 |
| | Poisonous fish | | Elasmobranchii | 809082 |
| | Oryziatidae | | Teleostei- | 807001 |
| | <i>Oryzias latipes</i> | 803904 | Gobiidae | 809082 |
| | Venomous fish | | Pomadasyidae | 806422 |
| | Poeciliidae | | <i>Haemulon sciurus</i> | 804683 |
| | <i>Gambusia affinis</i> | 806912 | Scophthalmidae | 804684 |
| | Tissue culture techniques | | <i>Scophthalmus maeoticus</i> | 806422 |
| | Heavy metal pollutants | | Poeciliidae | |
| | Salmonidae | | <i>Poecilia reticulata</i> | 806824 |
| | <i>Salmo gairdneri</i> | 808525 | <i>Xiphophorus</i> | 804685 |
| | Ethanol | | Cyprinidae | 806828 |
| | Cyprinidae | | <i>Carassius auratus</i> | 805599 |
| | <i>Carassius auratus</i> | 804278 | <i>Pimephales promelas</i> | 806999 |
| | Saxitoxin | | <i>Tinca tinca</i> | 805599 |
| | Coloration | | Salmonidae | 807552 |
| | Cyprinodontidae | | <i>Salmo gairdneri</i> | 806999 |
| | <i>Fundulus heteroclitus</i> | 807163 | Identification | 807368 |
| | Tetrodotoxin | | Immunological analysis | |
| | Coloration | | Centrarchidae | |
| | Cyprinodontidae | | <i>Lepomis macrochirus</i> | 806427 |
| | <i>Fundulus heteroclitus</i> | 807163 | Pomadasyidae | |
| | Embryo transplantation | | <i>Haemulon sciurus</i> | 806427 |
| | Cyprinodontidae | 805708 | Cyprinidae | |
| | Brain | | <i>Carassius auratus</i> | 806427 |
| | Cichlidae | | <i>Pimephales promelas</i> | 806427 |
| | <i>Tilapia melanotheron</i> | 808760 | Salmonidae | |
| | Embryo chemical treatment | | <i>Salmo gairdneri</i> | 806427 |
| | Mutagenic agents | | Kidney | |
| | Salmonidae | | Anguillidae | |
| | <i>Coregonus peled</i> | 805394 | <i>Anguilla japonica</i> | 806580 |
| | <i>Salmo gairdneri</i> | 805394 | Virus diseases | |
| | Lithium | | Cyprinidae | |
| | Cichlidae | | <i>Pimephales promelas</i> | 806987 |
| | <i>Cichlasoma meeki</i> | 804934 | Salmonidae | 807882 |
| | Embryo vital dye treatment | | <i>Salmo gairdneri</i> | 807882 |
| | Clupeidae | | Infectious pancreatic necrosis | |
| | <i>Clupea harengus</i> | 804591 | Centrarchidae | |
| | Salmonidae | | <i>Lepomis macrochirus</i> | 809048 |
| | <i>Salmo gairdneri</i> | 809011 | Cyprinidae | |
| | In vitro techniques | | <i>Pimephales promelas</i> | 809048 |
| | Cyprinodontidae | | Salmonidae | |
| | <i>Fundulus heteroclitus</i> | 803959 | <i>Salmo gairdneri</i> | 809048 |
| | Poeciliidae | 809088 | Use as test animal | |
| | Anguillidae | | Heavy metal pollutants | |
| | <i>Anguilla anguilla</i> | 803880 | Salmonidae | |
| | Cyprinidae | | <i>Salmo gairdneri</i> | 808525 |
| | <i>Carassius auratus</i> | 806653 | Ecological techniques | |
| | | 806655 | Swimming speed | 807639 |
| | Batrachoidiformes | | Elasmobranchii | 804968 |
| | <i>Opsanus tau</i> | 803755 | Teleostei | 804968 |
| | Salmonidae | | Habitat preference | |
| | <i>Salmo gairdneri</i> | 803812 | Salinity | 804030 |
| | Pigment cells | | Fishing methods | |
| | Gobiidae | | Fishing gear selectivity | |
| | <i>Chasmichthys gulosus</i> | 805395 | Teleostei | 804971 |
| | Brain | | Outdoor census and sampling | |
| | Amiromorpha | | Petromyzontomorpha | 804398 |
| | <i>Amia calva</i> | 804659 | <i>Petromyzon marinus</i> | |
| | Retina | | Teleostei | 805643 |
| | Mugiloidae | 804273 | Centrarchidae | 807228 |
| | Centropomidae | 804273 | <i>Pomoxis annularis</i> | 808414 |
| | Gerreidae | 804273 | Coryphaenidae | 806166 |
| | Adenohypophysis | | <i>Coryphaena hippurus</i> | 807783 |
| | Anguillidae | | Percidae | |
| | <i>Anguilla anguilla</i> | 804541 | <i>Sizostedion canadense</i> | 806166 |
| | Salmonidae | | Sciaenidae | |
| | <i>Salmo gairdneri</i> | 804541 | <i>Aplodinotus grunniens</i> | 806166 |
| | Heart | | Spandae | |
| | Petromyzontomorpha | | <i>Chrysophrys major</i> | 804799 |
| | <i>Petromyzon marinus</i> | 804461 | Calostomidae | |
| | Salmonidae | | <i>Carpoides carpio</i> | 807844 |
| | <i>Salmo gairdneri</i> | 804629 | <i>Erimyzon tenuis</i> | 807808 |
| | <i>Salmo trutta</i> | 804461 | Gadidae | |
| | Gills | | <i>Melanogrammus aeglefinus</i> | 804691 |
| | Anguillidae | | <i>Merlangius merlangus</i> | 807105 |
| | <i>Anguilla anguilla</i> | 804461 | Salmonidae | 806254 |
| | Proximal and distal tubules | | <i>Oncorhynchus nerka</i> | 807261 |
| | Pleuronectidae | | <i>Oncorhynchus tshawytscha</i> | 806170 |
| | <i>Parophrys vetulus</i> | 804509 | <i>Salmo gairdneri</i> | 807778 |
| | <i>Pseudopleuronectes americanus</i> | 804610 | <i>Salmo trutta</i> | 806414 |
| | Hermaphroditic gonads | | <i>Salvelinus namaycush</i> | 807501 |
| | Synbranchidae | | Experimental analysis | |
| | <i>Monopterus albus</i> | 804541 | Teleostei | 808792 |
| | Embryo physiology | | Fecundity | |
| | Oryziatidae | | Cyprinidae | |
| | <i>Oryzias latipes</i> | 804026 | <i>Abramis brama</i> | 807648 |
| | Radioactive pollutants | | | |
| | Cyprinidae | | | |
| | <i>Carassius auratus</i> | 806995 | | |

| Larva | | Batrachoidiformes | | Ichthyological techniques | |
|--------------------------------|--|------------------------------------|--|---------------------------|-------------|
| Fishing gear selectivity | | Dasyatidae | | 806245 | (continued) |
| Anguilliformes | | <i>Porichthys</i> | | 806245 | |
| Fry | | Esocidae | | | |
| Centrarchidae | | <i>Esox lucius</i> | | 807554 | |
| <i>Micropterus dolomieu</i> | | Salmonidae | | | |
| Salmonidae | | <i>Coregonus clupeaformis</i> | | 807554 | |
| <i>Oncorhynchus nerka</i> | | Trawling | | | |
| Nest construction | | Clupeidae | | | |
| Salmonidae | | <i>Dorosoma cepedianum</i> | | 806168 | |
| <i>Oncorhynchus kisutch</i> | | <i>Dorosoma petenense</i> | | 806168 | |
| Young | | Sonar observation | | | |
| Sparidae | | Clupeidae | | | |
| <i>Pagrus major</i> | | <i>Clupea harengus</i> | | 805089 | |
| Soleidae | | Marking and tagging | | | |
| <i>Solea solea</i> | | Salmonidae | | | |
| Juvenile | | <i>Salvelinus fontinalis</i> | | 807801 | |
| Experimental analysis | | Computer analysis | | | |
| Salmonidae | | | | 807817 | |
| <i>Salmo salar</i> | | Feeding analysis methods | | | |
| Captive vs natural fishes | | Teleostei | | 808362 | |
| Salmonidae | | Computer analysis | | | |
| <i>Salmo salar</i> | | Teleostei | | 806162 | |
| Lentic waters | | Scale abundance in sediments | | | |
| Poison collecting | | Engraulidae | | | |
| Teleostei | | <i>Engraulis mordax</i> | | 808317 | |
| Reservoirs | | Measuring egg abundance | | | |
| Semionotomorpha | | Percidae | | | |
| <i>Lepisosteus oculatus</i> | | <i>Stizostedion canadense</i> | | 806166 | |
| <i>Lepisosteus platostomus</i> | | Clupeidae | | | |
| Centrarchidae | | <i>Clupea harengus</i> | | 805981 | |
| Percidae | | Measuring larval abundance | | | |
| <i>Stizostedion canadense</i> | | Teleostei | | 803866 | |
| Sciaenidae | | | | 808653 | |
| <i>Aplodinotus grunniens</i> | | Centrarchidae | | | |
| Serranidae | | <i>Lepomis macrochirus</i> | | 803711 | |
| <i>Morone chrysops</i> | | Sparidae | | | |
| Clupeidae | | <i>Pagrus major</i> | | 805627 | |
| <i>Dorosoma cepedianum</i> | | Bothidae | | | |
| Catostomidae | | <i>Paralichthys albigutta</i> | | 806653 | |
| Cyprinidae | | <i>Paralichthys dentatus</i> | | 806653 | |
| <i>Cyprinus carpio</i> | | <i>Paralichthys lethostigma</i> | | 806653 | |
| Ictaluridae | | Clupeidae | | | |
| <i>Ictalurus furcatus</i> | | <i>Clupea harengus</i> | | 806784 | |
| <i>Ictalurus punctatus</i> | | Experimental analysis | | | |
| <i>Pylodictis olivaris</i> | | Clupeidae | | | |
| Distribution | | <i>Clupea harengus</i> | | 806463 | |
| Petrromyzontomorpha | | <i>Sprattus sprattus</i> | | 806463 | |
| Acipenseromorpha | | Feeding analysis methods | | | |
| Teleostei | | Adibitum food capacity | | | |
| Gut contents | | Gut contents | | | |
| Gasterosteidae | | Cyprinidae | | 807744 | |
| <i>Gasterosteus aculeatus</i> | | Emetics | | | |
| Salmonidae | | Effect on fish | | | |
| <i>Oncorhynchus nerka</i> | | Centrarchidae | | | |
| Algae | | <i>Micropterus salmoides</i> | | 807871 | |
| Teleostei | | Percidae | | | |
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| North America (continued) | Dipnoi | | Ictaluridae | |
| | <i>Conchopoma edesi</i> | 806436 | <i>Noturus baileyi</i> | 807152 |
| North Asia | Kansas | | <i>Noturus flavipinnis</i> | 807152 |
| | Amiromorpha | 804006 | Texas | |
| South America | <i>Paraliodesmus guadagni</i> | | Semionotomorpha | |
| | Ictaluridae | 807152 | <i>Lepidotes</i> | 804009 |
| | Kentucky | | Poeciliidae | |
| | Ictaluridae | | <i>Gambusia georgei</i> | 807597 |
| | <i>Noturus elegans</i> | 807152 | (marine) | |
| | Kodiak I | | Dasyatidae | |
| | Gasterosteidae | 807018 | <i>Urolophus jamaicensis</i> | 804948 |
| | Salmonidae | 807018 | Rajidae | |
| | L. Ontario | | <i>Raja eglanteria</i> | 804948 |
| | Teleostei | 808410 | Isuridae | |
| | L. Waccamaw | | <i>Squalicorax</i> | 803839 |
| | Holostei | 807835 | Utah | |
| | Teleostei | 807835 | Catostomidae | |
| | Louisiana | | <i>Xyrauchen texanus</i> | 807090 |
| | Percidae | | Wyoming | |
| | <i>Etheostoma collettei</i> | 805481 | Albulidae | |
| | Massachusetts Bay | | <i>Coriops amnicolus</i> | 804910 |
| | Stichaeidae | 807428 | North Asia | |
| | <i>Stichaeus punctatus</i> | | Cottidae | |
| | Mississippi R | | <i>Cottus gobio</i> | 805264 |
| | Ictaluridae | | Afghanistan | |
| | <i>Noturus phaeus</i> | 807152 | Cyprinidae | |
| | <i>Noturus stigmosus</i> | 807152 | <i>Schizocypris ladiges</i> | 805881 |
| | Missouri | | China | |
| | Acipenseromorpha | 809046 | Cyprinidae | |
| | Teleostei | 809046 | <i>Ancherythroculter brevianalis</i> | 808712 |
| | Ictaluridae | | <i>Gobiobotia intermedia</i> | 808712 |
| | <i>Noturus albat</i> | 807152 | Japan | |
| | <i>Noturus flavater</i> | 807152 | Petromyzontomorpha | |
| | Missouri R | | <i>Entosphenus japonicus</i> | 807194 |
| | Teleostei | 807435 | Teleostei | 807194 |
| | Montana | | Cyprinidae | 806041 |
| | Paleonisciformes | | Salmonidae | 806678 |
| | <i>Allenkypterus montanus</i> | 805019 | <i>Salvelinus fontinalis</i> | 807450 |
| | Amiromorpha | | Mongolia | |
| | <i>Palaeolabrus montanensis</i> | 804910 | Cyprinidae | |
| | Percopsidae | | <i>Orcoleuciscus</i> | 804929 |
| | <i>Percopsis omiscomaycus</i> | 807960 | Rikuchu | |
| | New Jersey | | Petromyzontomorpha | |
| | Elopiiformes | | <i>Entosphenus japonicus</i> | 807194 |
| | <i>Parabula casei</i> | 807593 | Teleostei | 807194 |
| | New Mexico | | South America | |
| | Osteolepidomorpha | 804012 | Teleostei | 804807 |
| | Newfoundland | | Salmonidae | |
| | Gasterosteidae | | <i>Salvelinus fontinalis</i> | 807450 |
| | <i>Gasterosteus wheatlandi</i> | 807367 | Argentina | |
| | North Carolina | | Dasyatidae | |
| | Holostei | 807835 | <i>Potamotrygon castexi</i> | 807167 |
| | Teleostei | 807835 | Bolivia | |
| | Ohio | | Dasyatidae | |
| | Ictaluridae | | <i>Potamotrygon castexi</i> | 807167 |
| | <i>Noturus trautmani</i> | 807152 | Cyprinodontidae | |
| | Oklahoma | | <i>Rivulichthys luelingi</i> | 805890 |
| | Ictaluridae | | Brazil | |
| | <i>Noturus placidus</i> | 807152 | Callichthyidae | |
| | Cyprinidae | | <i>Corydoras baderi</i> | 805719 |
| | <i>Phoxinus eos X</i> | | Loricariidae | |
| | <i>Phoxinus neogaeus X</i> | 805540 | <i>Plecostomus topvae</i> | 804015 |
| | Oregon | | Pimelodontidae | |
| | Umbridae | | <i>Chasmocranus lopezi</i> | 807122 |
| | <i>Novumbra oregonensis</i> | 803656 | Trichomycteridae | |
| | Prince Edward I | | <i>Pygidium stawarski</i> | 806919 |
| | Cyprinidae | | (marine) | |
| | <i>Phoxinus eos</i> | 807383 | Rhinobatidae | |
| | Quebec | | <i>Rhinobatos beurleni</i> | 804101 |
| | Arthrodira | | Chile | |
| | <i>Batieraspis fulgens</i> | 809095 | Salmonidae | |
| | <i>Cartieraspis nigra</i> | 809095 | <i>Oncorhynchus kisutch</i> | 804694 |
| | <i>Gaspeaspis cassivi</i> | 809095 | (marine) | |
| | <i>Kolpaspis beaudryi</i> | 809095 | Bovichthyidae | |
| | <i>Laurentaspis splendida</i> | 809095 | <i>Cottopeca gobio</i> | 804902 |
| | <i>Phlyctaenaspis atholi</i> | 809095 | Nototheniidae | 804902 |
| | <i>Quebecaspis russelli</i> | 809095 | Zoarcidae | |
| | (marine) | | <i>Austrolycus depressiceps</i> | 804902 |
| | Cephalaspidomorpha | | <i>Maynea patagonica</i> | 804902 |
| | <i>Cephalaspis lunata</i> | 804391 | Ecuador | |
| | <i>Cephalaspis peninsulac</i> | 804391 | (marine) | |
| | <i>Cephalaspis sydenhami</i> | 804391 | Clinidae | |
| | Saskatchewan | | <i>Paraclinus fehlmanni</i> | 806776 |
| | Teleostei | 807435 | Guyana | |
| | Tennessee | | Cichlidae | 804217 |
| | Ictaluridae | | Parana R | |
| | <i>Noturus elegans</i> | 807152 | Trichomycteridae | |
| | <i>Noturus hildebrandi</i> | 807152 | <i>Pygidium stawarski</i> | 806919 |
| | Tennessee R | | Rio Negro | |
| | Percidae | | Cichlidae | |
| | <i>Etheostoma tippecanoe</i> | 804010 | <i>Apistogramma gibbiceps</i> | 804714 |

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| Surinam | | British Isles | |
| Loricariidae | | Elasmobranchii | 808133 |
| <i>Hypostomus coppenamensis</i> | 806772 | Teleostei | 808133 |
| <i>Hypostomus nickeriensis</i> | 806772 | Trachipteridae | |
| Venezuela | | <i>Trachipterus arcticus</i> | 805977 |
| Elasmobranchii | 804160 | Bramidae | |
| Teleostei | 804160 | <i>Brama brama</i> | 805977 |
| <i>Anduzedoras arleoi</i> | 807929 | <i>Pterycombus brama</i> | 805977 |
| <i>Anduzedoras copei</i> | 807929 | Salmonidae | |
| <i>Deltadoras guayoensis</i> | 807929 | <i>Oncorhynchus gorbuscha</i> | 805977 |
| <i>Hildadoras bolivarensis</i> | 807929 | Canada | |
| <i>Hildadoras orinocensis</i> | 807929 | Polymixiidae | |
| <i>Hyplodoras zamitzei</i> | 807929 | <i>Polymixia lowei</i> | 807517 |
| <i>Oxydoras hoideni</i> | 807929 | Nomeidae | |
| <i>Oxydoras sifontesi</i> | 807929 | <i>Psenes maculatus</i> | 807517 |
| <i>Pterodoras angeli</i> | 807929 | Myctophidae | 807517 |
| <i>Sachsdoras apurensis</i> | 807929 | Caribbean Sea | |
| <i>Zathorax gonzalezi</i> | 807929 | Teleostei | 806209 |
| South Asia | | Centrolophidae | |
| Indonesia | | <i>Schedophilus pemarko</i> | 806775 |
| Clupeidae | 804279 | Engraulidae | |
| Engraulidae | 804279 | <i>Anchoa</i> | 808366 |
| Malaya | | <i>Anchovia</i> | 808366 |
| Clupeidae | 804279 | Ophidiidae | |
| Engraulidae | 804279 | <i>Sciaenops pedicellaris</i> | 805709 |
| Homalopteridae | | Argentinae | |
| <i>Homaloptera nebulosa</i> | 805671 | <i>Argentina brucei</i> | 808661 |
| <i>Homaloptera nigra</i> | 805671 | <i>Argentina georgei</i> | 808661 |
| Thailand | | <i>Argentina stewarti</i> | 808661 |
| Cyprinidae | 807107 | Corsica | |
| (marine) | | Gobiidae | 806634 |
| Lutjanidae | 808493 | Cuba | |
| Serranidae | 808495 | Cyprinodontidae | |
| North Atlantic O | | <i>Fundulus saguanus</i> | 809023 |
| Teleostei | 808081 | Poeciliidae | |
| Trichiuridae | | <i>Gambusia rhizophorae</i> | 807631 |
| <i>Assurger anzac</i> | 804194 | Fernando Poo I | |
| Scorpaenidae | 807036 | (freshwater) | |
| Xenocomgridae | 804186 | Cyprinodontidae | |
| Cetomimidae | | <i>Aphyosemion</i> | 803659 |
| <i>Cetomimus hempeli</i> | 807102 | Florida | |
| Myctophidae | | Echeneidae | |
| <i>Lampadena urophaos</i> | 804194 | <i>Remora albescent</i> | 807579 |
| | 807148 | Georgia | |
| Paralepididae | | Cyprinodontidae | |
| <i>Pontosudis quadrimaculata</i> | 808478 | <i>Fundulus luciae</i> | 806869 |
| <i>Sudis atrox</i> | 804194 | Greenland | |
| Africa | | Elasmobranchii | 805346 |
| Elasmobranchii | 806481 | Acipenseromorpha | 805346 |
| Teleostei | 806481 | Teleostei | 805346 |
| Sparidae | 805663 | Gadidae | |
| Europe | | <i>Molva dypterygia</i> | 805084 |
| Elasmobranchii | 805346 | Gulf of Mexico | |
| Acipenseromorpha | 805346 | Chimaeromorpha | |
| Teleostei | 805346 | <i>Rhinichthys atlantica</i> | 807586 |
| Gobiidae | | Teleostei | 806209 |
| <i>Thorogobius ephippiatus</i> | 805403 | Bathyclupeidae | |
| Adriatic Sea | | <i>Bathyclupea argentea</i> | 807621 |
| Elasmobranchii | 807300 | Bothidae | |
| Teleostei | 807300 | <i>Citharichthys abbotti</i> | 806778 |
| Nomeidae | | Tetraodontidae | |
| <i>Cubiceps gracilis</i> | 805867 | <i>Spherooides parvus</i> | 808403 |
| Merlucciidae | | Sternoptychidae | 804915 |
| <i>Merluccius merluccius</i> | 808297 | Gulf of St Lawrence | |
| Alligator Reef, Florida | | Ariomidae | |
| Elasmobranchii | 807885 | <i>Ariomma bondi</i> | 807523 |
| Teleostei | 807885 | Haiti | |
| Azores I | | Poeciliidae | |
| Scorpaenidae | | <i>Gambusia pseudopunctata</i> | 807631 |
| <i>Scorpaena azorica</i> | 807036 | Iceland | |
| Bahamas I | | Teleostei | 808078 |
| Hexanchiformes | | | 808131 |
| <i>Hexanchus vitulus</i> | 803737 | Apogonidae | |
| Gobiidae | | <i>Epigonus telescopus</i> | 808131 |
| <i>Evermannichthys convictor</i> | 805876 | Serranidae | |
| <i>Evermannichthys silus</i> | 805876 | <i>Dicentrarchus labrax</i> | 808131 |
| <i>Pariah scotius</i> | 805402 | Clupeidae | |
| Gobiesociformes | | <i>Sardina pilchardus</i> | 808078 |
| <i>Derilissus nanus</i> | 807594 | Ophidiidae | |
| Baltic Sea | | <i>Bythites</i> | 803880 |
| Teleostei | 808082 | <i>Bythites fuscus</i> | 808131 |
| Barbados | | Ireland | |
| Elopiformes | | Elasmobranchii | 807180 |
| Phyllodontidae | 807593 | Teleostei | 807180 |
| Black Sea | | Syngnathidae | |
| Elasmobranchii | 807756 | <i>Syngnathus rostellatus</i> | 803631 |
| Teleostei | 807756 | Callionymidae | |
| | 808351 | <i>Callionymus reticulatus</i> | 803631 |
| Brazil | | Gobiidae | |
| Elasmobranchii | 808188 | <i>Gobius forsteri</i> | 803631 |
| Teleostei | 808188 | Italy | |
| | | Blenniidae | 806594 |

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| North Atlantic Ocean (continued) | Ligurian Sea | | South America | |
| | Squalomorpha | 805475 | Antarctic O | |
| | Blenniidae | | Centrolophidae | |
| | <i>Blennius</i> | 807998 | <i>Pseudocichthys australis</i> | 807751 |
| South Atlantic Ocean | Maine | | Angola | |
| | Sciaenidae | | Trachipteridae | |
| | <i>Sciaenops ocellata</i> | 807624 | <i>Trachipterus woodi</i> | 804423 |
| North Pacific Ocean | Mediterranean Sea | 806363 | Tetragonuridae | |
| | Elasmobranchii | 805346 | <i>Tetragonurus cuvieri</i> | 804423 |
| | Acipenseromorpha | 805346 | Cottunculidae | |
| | Teleostei | 805346 | <i>Cottunculus brephocephalus</i> | 806788 |
| | Blenniidae | | Argentina | |
| | <i>Blennius</i> | 805882 | Centrolophidae | |
| | <i>Blennius inaequalis</i> | 805146 | <i>Ichthyus australis</i> | 808477 |
| | Tripterygiidae | | Bay of Santos | |
| | <i>Tripterygion nasus</i> | 805882 | Sciaenidae | 807047 |
| | Gobiidae | | Brazil | |
| | <i>Odondebuenia balearica</i> | 806364 | Hexanchiformes | |
| | Serranidae | | <i>Notorynchus pectorosus</i> | 807049 |
| | <i>Epinephelus tauvina</i> | 805477 | Sciaenidae | 807047 |
| | Clupeidae | | Paralepididae | |
| | <i>Sprattus sprattus</i> | 806362 | <i>Dolichosudis fuliginosa</i> | 808479 |
| | Muraenesocidae | | Falkland I | |
| | <i>Cynoponticus ferox</i> | 806359 | Nototheniidae | |
| | Mississippi | | <i>Aethotaxis miipteryx</i> | 807663 |
| | Gobiidae | 808791 | Cyclopteridae | |
| | Microdesmidae | | <i>Careproctus</i> | 807663 |
| | <i>Microdesmus longipinnis</i> | 808791 | (freshwater) | |
| | Netherlands | | Salmonidae | |
| | Atherinidae | | <i>Salvelinus fontinalis</i> | 807450 |
| | <i>Atherina mochon</i> | 805951 | Gulf of Guinea | |
| | Newfoundland | | Scorpaenidae | |
| | Gadidae | | <i>Scorpaena annobonae</i> | 807036 |
| | <i>Molva dypterygia</i> | 805084 | Patagonia | |
| | Nicaragua | | Centrolophidae | |
| | Teleostei | 806395 | <i>Pseudocichthys australis</i> | 807751 |
| | Panama | | South Africa | |
| | Gobiidae | | Scombridae | |
| | <i>Gobiosoma nudum</i> | 807604 | <i>Thunnus</i> | 808147 |
| | Gobiesociformes | | Scorpaenidae | |
| | <i>Rimicola brevis</i> | 807630 | <i>Pontinus leda</i> | 807036 |
| | Portugal | | North Pacific O | |
| | Zeidae | | Scaridae | |
| | <i>Zenopsis conchifer</i> | 804776 | <i>Scarus</i> | 807610 |
| | San Andres I | | British Columbia | |
| | Teleostei | 806395 | Macrouridae | |
| | Scotland | | <i>Coryphaenoides pectoralis</i> | 807509 |
| | Elasmobranchii | 808079 | California | |
| | | 808088 | Apogonidae | |
| | | 808132 | <i>Apogon gaudalupensis</i> | 808725 |
| | Teleostei | 808079 | Zeidae | |
| | | 808080 | <i>Zenopsis nebulosa</i> | 808733 |
| | | 808132 | Alepocephaloidei | |
| | Spain | | <i>Photostylus pycnopterus</i> | 807606 |
| | Blenniidae | | California, Newport Bay | |
| | <i>Blennius inaequalis</i> | 805146 | Elasmobranchii | 807886 |
| | Spitsbergen I | | Teleostei | 807886 |
| | Cephalaspidiformes | | Gulf of Thailand | |
| | <i>Cephalaspis excellens</i> | 804837 | Elasmobranchii | 808494 |
| | Traquairaspidiformes | | Teleostei | 808494 |
| | <i>Traquairaspis</i> | 804837 | Gulf of Tonkin | |
| | Thelodontomorpha | | Elasmobranchii | 807684 |
| | <i>Turinia</i> | 804837 | Teleostei | 807684 |
| | Climatiomorpha | | Hong Kong | |
| | <i>Notolepis</i> | 804837 | Teleostei | 807241 |
| | Ischnacanthomorpha | 804837 | Serranidae | |
| | Coccosteomorphs | | <i>Epinephelus kohleri</i> | 807241 |
| | <i>Arctonema crassum</i> | 804839 | <i>Epinephelus medurensis</i> | 807241 |
| | USA | | Cynoglossidae | |
| | Tetraodontidae | | <i>Cynoglossus melanopterus</i> | 806892 |
| | <i>Sphoeroides</i> | 808403 | <i>Cynoglossus punctatus</i> | 806892 |
| | Venezuela | | Iwate | |
| | Clupeidae | | Teleostei | 807195 |
| | <i>Etrumeus teres</i> | 807058 | Japan | |
| | Virgin I | | Teleostei | 807195 |
| | Syngnathidae | | Blenniidae | |
| | <i>Micrognathus dawsoni</i> | 804707 | <i>Andamia tetradactylus</i> | 807945 |
| | Virginia | | Carangidae | |
| | Echinorhinidae | | <i>Caranx ferdau</i> | 807945 |
| | <i>Echinorhinus brucus</i> | 807588 | Chaetodontidae | |
| | South Atlantic O | | <i>Holacanthus mesoleucus</i> | 808009 |
| | Centrolophidae | | <i>Holacanthus venustus</i> | 808784 |
| | <i>Ichthyus australis</i> | 807663 | Lehrinidae | |
| | Chiasmodontidae | | <i>Lethrinus nebulosus</i> | 808009 |
| | <i>Kali</i> | 807601 | Pseudogrammidiae | |
| | Scorpaenidae | 807036 | <i>Aporops bilinearis</i> | 808009 |
| | Africa | | Mugiloididae | |
| | Trichiuridae | 808141 | <i>Parapercis somaliensis</i> | 808009 |
| | Centrolophidae | | Bothidae | |
| | <i>Schedophilus huttoni</i> | 807700 | <i>Arnoglossus oxyrhynchus</i> | 808003 |
| | Ophidiidae | | <i>Engyproctopon longipellis</i> | 808003 |
| | <i>Alexeterion</i> | 805709 | <i>Japonolacope dentatus</i> | 808003 |
| | | | <i>Pseudorhombus oculocirris</i> | 808003 |

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| <i>Tarphops elegans</i> | 808003 | Antipodes I | | South Pacific Ocean |
| <i>Tosarhombus octoculatus</i> | 808003 | Cottidae | | |
| Citharidae | 808003 | <i>Antipodocottus megalops</i> | 807569 | |
| Balistidae | | Ecuador | | |
| <i>Arotrolepis sulcatus</i> | 808009 | Gobiesociformes | | Indian Ocean |
| Ophidiidae | | <i>Tomicodon prodromus</i> | 807574 | |
| <i>Bythites matsubarae</i> | 806239 | New Britain | | |
| Neoscopelidae | | Gobiidae | | |
| <i>Neoscopelus porosus</i> | 805208 | <i>Trimma tevegae</i> | 804275 | |
| Gonostomatidae | | New Zealand | | |
| <i>Vinciguerria nimbaria</i> | 808780 | Elasmobranchii | 807237 | |
| Japan Sea | | Teleostei | 807237 | |
| Acipenseromorpha | | Bothidae | 807069 | |
| <i>Acipenser</i> | 808135 | Pleuronectidae | 807069 | |
| Teleostei | 808135 | (freshwater) | | |
| | 809100 | Retroppinnidae | | |
| Scombridae | | <i>Retroppinna diversa</i> | 805384 | |
| <i>Thunnus tonggol</i> | 806242 | <i>Retroppinna media</i> | 805384 | |
| Mexico | | Salmonidae | | |
| Clinidae | | <i>Salvelinus fontinalis</i> | 807450 | |
| <i>Paraclinus</i> | 807567 | Peru | | |
| <i>Paraclinus ditrichus</i> | 807567 | Myxinomorpha | | |
| <i>Paraclinus magdalenae</i> | 807567 | <i>Myxine</i> | 807997 | |
| <i>Paraclinus stephensi</i> | 807567 | Elasmobranchii | 807997 | |
| <i>Paraclinus tanygnathus</i> | 807567 | Teleostei | 807997 | |
| Chiasmodontidae | | Alepocephaloidei | | |
| <i>Kali</i> | 807601 | <i>Photostylus pycnopterus</i> | 807606 | |
| Dactyloscopidae | | Argentinidae | | |
| <i>Dactyloscopus byersi</i> | 807571 | <i>Argentina aliceae</i> | 808661 | |
| Oneirodidae | | Solomon I | | |
| <i>Phyllorhynchichthys micractis</i> | 807598 | (freshwater) | | |
| North Borneo | | Elasmobranchii | 807244 | |
| (marine and freshwater) | | Teleostei | 807244 | |
| Teleostei | 806397 | Gobiidae | | |
| Okinawa | | <i>Eleotris fusca</i> | 807244 | |
| Clupeidae | | Cichlidae | | |
| <i>Sardinella sirm</i> | 804308 | <i>Tilapia mossambica</i> | 807244 | |
| Oregon | | Anguillidae | | |
| Cyclopteridae | | <i>Anguilla obscura</i> | 807244 | |
| <i>Acantholiparis caecus</i> | 807418 | Indian O | | |
| Ophidiidae | | Bramidae | | |
| <i>Parabassogigas grandis</i> | 807447 | <i>Steinegeria rubescens</i> | 807697 | |
| Palawan | | Carangidae | | |
| (marine and freshwater) | | <i>Decapterus</i> | 807662 | |
| Teleostei | 806398 | <i>Uraspis</i> | 807970 | |
| Panama | | Gempylidae | | |
| Gobiidae | | <i>Nealotus tripes</i> | 807697 | |
| <i>Gobiosoma polyporosum</i> | 807617 | <i>Nesiarchus nasutus</i> | 807697 | |
| Gobiesociformes | | Trichiuridae | | |
| <i>Arcos decoris</i> | 807630 | <i>Assurger anzac</i> | 807697 | |
| <i>Tomicodon bidens</i> | 807630 | Stromateoidei | | |
| Philippine I | | <i>Amarsipius carlsbergi</i> | 806816 | |
| (freshwater) | | Chiasmodontidae | | |
| Teleostei | 808633 | <i>Chiasmodon subniger</i> | 807697 | |
| Ryukyu I | | <i>Kali</i> | 807601 | |
| Apogonidae | | Anguilliformes | 808015 | |
| <i>Apogon nigrofasciatus</i> | 808786 | Kasidororidae | | |
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Acta Biol Acad Sci Hung

Acta Biol Szeged N S

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Acta Scientifica ILAFIR (Argentina)

Acta Zool (Stockholm)

Acta Zool Pathol Antverpiensia

Actual Mar

Advan Abstr Contrib Fish Aquatic Sci India

Advan Comp Physiol Biochem

Advan Ecol Res

Advan Mar Biol

Advan Morphogenesis

Advan Parasitol

Afr Tervuren

Afr Wildlife

Africana

Africana Notes News

Agra Univ J Res Sci

Ala Conserv

Ala J Med Sci

Alaska Dep Fish Game Progr Rep

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Academie Royale de Belgique Bulletin Classe des Sciences

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Acta Biochimica Polonica

Acta Biologica. Academiae Scientiarum Hungaricae

Acta Biologica. Acta Universitatis Szegediensis

Acta Biologica Cracoviensia. Series Zoologica

Acta Biologica Debrecina

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Acta Biologica Venezuelica

Acta Endocrinologica

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Acta Parasitologica Lituanica

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Acta Physiologica et Pharmacologica Neerlandica

Acta Protozoologica

Acta Regiae Societatis Scientiarum et Litterarum

Gothoburgensis Zoologica

Acta Scientiarum Naturalium Academiae Scientiarum
Bohemoslovacae. Nova Series

Acta Scientifica. Dto. de Zoologia del Ilafir, Universidad
del Salvador, San Miguel, Pcia. de Buenos Aires

Acta Zoologica. International Journal for Zoology

Acta Zoologica et Pathologica Antverpiensia

Actualites Marines (Quebec)

Advance Abstracts of Contributions on Fisheries and
Aquatic Sciences in India

Advances in Comparative Physiology and Biochemistry

Advances in Ecological Research

Advances in Marine Biology

Advances in Morphogenesis

Advances in Parasitology

Africa-Tervuren

African Wildlife

Africana (Incorporating The East African Wild Life
Society's Review)

Africana Notes and News

Agra University Journal of Research Science

Alabama Conservation

Alabama Journal of Medical Sciences

Alaska Department of Fish and Game Progress Report

Alaska Department of Fish and Game Research Report

Allattani Kozlemenyek

Amazoniana

American Antiquity

The American Fish Farmer

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|-------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Amer Fish Soc Newslett | American Fisheries Society Newsletter |
| Amer J Anat | American Journal of Anatomy |
| Amer J Pharm Educ | American Journal of Pharmaceutical Education |
| Amer J Physiol | American Journal of Physiology |
| Amer J Psychol | American Journal of Psychology |
| Amer J Sci | American Journal of Science |
| Amer Midland Natur | The American Midland Naturalist |
| Amer Mus Novitates | American Museum Novitates |
| Amer Natur | The American Naturalist |
| Amer Phil Soc Yearb | American Philosophical Society Yearbook |
| Amer Zool | American Zoologist |
| An Acad Brasil Cienc | Anais da Academia Brasileira de Ciencias |
| An Esc Nac Cienc Biol Mex | Anales de la Escuela Nacional de Ciencias Biologicas |
| An Inst Biol Univ Nac Auton Mexico Ser Zool | Anales del Instituto de Biologia Universidad Autonoma de Mexico Serie Zoologia |
| An Mus Hist Natur Valparaiso | Anales del Museo de Historia Natural de Valparaiso |
| Anal Biochem | Analytical Biochemistry |
| Anat Anz | Anatomischer Anzeiger |
| Anat Rec | Anatomical Record |
| Anchor San Francisco Aquarium Soc | Anchor San Francisco Aquarium Society |
| Angew Parasitol | Angewandte Parasitologie |
| Anim Behav | Animal Behaviour |
| Anim Behav Monogr | Animal Behavior Monographs |
| Anim Blood Groups Biochem Genet | Animal Blood Groups and Biochemical Genetics |
| Anim Kingdom | Animal Kingdom |
| Animals | Animals. The International Wildlife Magazine |
| Ann Acad Regiae Sci Upsal | Annales Academiae Regiae Scientiarum Upsaliensis (Kunghga Vetenskapsamhallets i Uppsala Arsbok) |
| Ann Acad Sci Fenn Ser A IV Biol | Annales Academiae Scientiarum Fennicae Series A IV Biologica |
| Ann ACFAS | Annales de l'ACFAS (Association Canadienne-Francaise pour l'Avancement des Sciences) |
| Ann Biol Anim Biochim Biophys | Annales de Biologie Animale Biochimie Biophysique |
| Ann Biol Cons Perma Int Explor Mer | Annales Biologiques Conseil Permanent International pour l'Exploration de la Mer |
| Ann Cape Prov Mus | Annals of the Cape Provincial Museums Natural History |
| Ann Carnegie Mus | Annals of Carnegie Museum |
| Ann Endocrinol | Annales d'Endocrinologie |
| Ann Fac Sci Marseille | Annales de la Faculte des Sciences de Marseille |
| Ann Geol Peninsule Balkan | Annales Geologiques de la Peninsule Balkanique |
| Ann Hist-Natur Mus Nat Hung | Annales Historico-Naturales Musei Nationalis Hungarici |
| Ann Inst Oceanogr | Annales de l'Institut Oceanographique |
| Ann Inst Biol (Tihany) Hung Acad Sci | Annales Instituti Biologici (Tihany) Hungaricae Academiae Scientiarum |
| Ann Limnol | Annales de Limnologie |
| Ann Mus Civico Storia Natur Genova | Annali del Museo Civico di Storia Naturale di Genova |
| Ann Mus Roy Afr Cent Ser Octavo Sci Geol | Annales du Musee Royale de l'Afrique Centrale Serie in Octavo Sciences Geologiques |
| Ann Mus Roy Afr Cent Ser Octavo Sci Zool | Annales du Musee Royale de l'Afrique Centrale Serie in Octavo Sciences Zoologiques |
| Ann Naturhist Mus Wien | Annalen des Naturhistorischen Museums in Wien |
| Ann N Y Acad Sci | Annals of the New York Academy of Sciences |
| Ann Paleontol | Annales de Paleontologie |
| Ann Parasitol Hum Comp | Annales de Parasitologie Humaine et Comparee |
| Ann S Afr Mus | Annals of the South African Museum |
| Ann Sci Natur Zool Biol Anim | Annales des Sciences Naturelles. Zoologie et Biologie Animale |
| Ann Sci Univ Besancon Ser 3 Zool Physiol Biol Anim | Annales Scientifiques de l'Universite de Besancon |

| | |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Ann Soc Roy Zool Belge | Annales de la Societe Royale Zoologique de Belgique |
| Ann Speleol | Annales de Speleologie |
| Ann Univ Ferrara Sez 13 Anat Fisiol Comp | Annali della Universita di Ferrara Sezione XIII Anatomia e Fisiologia Comparata |
| Ann Transvaal Museum | Annals of the Transvaal Museum |
| Ann Univ Mariae Curie-Sklodowska Sect C Biol | Annales Universitatis Mariae Curie-Sklodowska Sectio C Biologia |
| Ann Univ Sci Budapest Rolando Eotvos Nominatae Sect Biol | Annales Universitatis Scientiarum Budapestinensis de Rolando Eotvos Nominatae Sectio Biologica |
| Ann Zool | Annales Zoologici |
| Ann Zool Fennici | Annales Zoologici Fennici |
| Annee Biol | l'Annee Biologique |
| Annot Zool Jap | Annotationes Zoologicae Japonenses |
| Annu Anim Psychol | The Annual of Animal Psychology |
| Annu Rep Alaska Dep Fish Game | Annual Report Alaska Department of Fish and Game |
| Annu Rep Div Fish Game N J | Annual Report of the Division of Fish and Game New Jersey Department of Conservation and Economic Development |
| Annu Rep Inter-Amer Trop Tuna Comm | Annual Report of the Inter-American Tropical Tuna Commission |
| Annu Rep Mar Biol Sta Univ Liverpool | Annual Report Marine Biological Station University of Liverpool |
| Annu Rep Univ Calif Inst Mar Resour | Annual Report University of California Institute of Marine Resources |
| Annu Rev Biochem | Annual Review of Biochemistry |
| Annu Rev Physiol | Annual Review of Physiology |
| Antarctic J U S | Antarctic Journal of the United States |
| Antonie van Leeuwenhoek J Microbiol Sero | Antonie van Leeuwenhoek. Journal of Microbiology and Serology |
| Appl Microbiol | Applied Microbiology |
| Aqua Terra | Aqua Terra (Switzerland) |
| Aquarama | Aquarama (France) |
| Aquarien Mag | Aquarien Magazin |
| Aquarien Terrarien Z | Die Aquarien-und-Terrarien Zeitschrift |
| Aquarist Pondkpr | The Aquarist and Pondkeeper |
| Aquarium | The Aquarium (Maywood, N.J.) |
| Aquarium (Den Haag) | Het Aquarium |
| Aquilo Ser Zool | Aquilo Ser. Zoologica |
| Arbok Univ Bergen Mat-Naturvitensk Ser | Arbok for Universitetet i Bergen Matematisk-Naturvitenskapelig Serie |
| Arch Anat Histol Embryol | Archives d'Anatomie, d'Histologie et d'Embryologie. Normales et Experimentales |
| Arch Anat Microsc Morphol Exp | Archives d'Anatomie Microscopique et de Morphologie Experimentale |
| Arch Biochem Biophys | Archives of Biochemistry and Biophysics |
| Arch Biol | Archives de Biologie |
| Arch Fischereiwiss | Archiv fur Fischereiwissenschaft |
| Arch Histologicium Japonicum | Archivum Histologicum Japonicum |
| Arch Hydrobiol | Archiv fur Hydrobiologie (Stuttgart) |
| Arch Int Physiol Biochim | Archives Internationales de Physiologie et de Biochimie |
| Arch Ital Anat Embriol | Archivio Italiano di Anatomia e di Embriologia |
| Arch Oral Biol | Archives of Oral Biology |
| Arch Zool Ital | Archivio Zoologico Italiano |
| Archeol Surv Annu Rep Dep Anthropol Univ Calif Los Angeles | Archeological Survey Annual Report, Department of Anthropology, University of California |
| Arctic Inst N Amer Tech Pap | Arctic Institute of North America Technical Paper |
| Arh Biol Nauka | Arhiv Bioloskih Nauka (Yugoslavia) |
| Arh Biol Nauka Transl | Arhiv Bioloskih Nauka (Yugoslavia) (Translated from Serbo-Croatian) |
| Arizoo | Arizoo (Phoenix, Arizona) |
| Arq Cienc Mar (Fortaleza) | Arquivos de Ciencias do Mar |
| Arq Mus Bocage Notas Supl Ser 2 | Arquivos do Museu Bocage. Second Series Notas e |

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|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Arq Zool Sao Paulo | Suplementos |
| Artis | Arquivos de Zoologia Sao Paulo |
| ASB (Ass Southeast Biol) Bull | Artis (Amsterdam) |
| Astarte | The ASB Bulletin (Philadelphia) |
| Atas Soc Biol Rio de Janeiro | Astarte |
| Atlantide Rep | Atas da Sociedade de Biologia do Rio de Janeiro |
| Atlas Jap Fossils | Atlantide Report |
| Atoll Res Bull | Atlas of Japanese Fossils |
| Atomes (Paris) | Atoll Research Bulletin |
| Atti Accad Naz Lincei Rend Cl Sci Fis Mat Natur | Atomes |
| | Atti della Accademia Nazionale dei Lincei. Rendiconti; Classe di Scienze Fisiche, Matematiche e Naturale |
| Atti Ist Geol Univ Pavia | Atti dell'Istituto Geologico della Universita di Pavia |
| Atti Soc Ital Sci Natur Mus Civico Storia Natur Milano | Atti della Societa Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano |
| Atti Soc Peloritana Sci Fis Mat Natur | Atti della Societa Peloritana di Scienze Fisiche Matematiche e Naturale |
| Audubon Mag | Audubon Magazine |
| Aust Fish | Australian Fisheries (formerly, Australian Fisheries Newsletter) |
| Aust Fish Newslett | Australian Fisheries Newsletter (renamed, 1969, Australian Fisheries) |
| Aust J Exp Biol Med Sci | The Australian Journal of Experimental Biology and Medical Science |
| Aust J Mar Freshwater Res | Australian Journal of Marine and Freshwater Research |
| Aust J Sci | The Australian Journal of Science |
| Aust J Zool | Australian Journal of Zoology |
| Aust Natur Hist | Australian Natural History |
| Aust Soc Limnol Bull | Australian Society for Limnology Bulletin |
| Aust Zool | The Australian Zoologist |
| Bamidgeh | Bamidgeh |
| Beaufortia | Beaufortia |
| Behaviour | Behaviour. An International Journal of Comparative Ethology |
| Beitr Naturk Forsch Sudwestdeutschland | Beitrage zur Naturkundlichen Forschung in Sudwestdeutschland |
| Ber Deut Wiss Kom Meeresforsch | Berichte der Deutschen Wissenschaftlichen Kommission fur Meeresforschung |
| Ber Oberhess Ges Natur Heilk Giessen Naturwiss Abt N S | Bericht der Oberhessischen Gesellschaft fur Natur- und Heilkunde zu Giessen Neue Folge |
| Betes et Nature | Betes et Nature |
| Bibliogr Agr | Bibliography of Agriculture |
| Biochem Biophys Res Commun | Biochemical and Biophysical Research Communications |
| Biochem Genet | Biochemical Genetics |
| Biochem J | Biochemical Journal |
| Biochemistry | Biochemistry |
| Biochim Biophys Acta | Biochimica et Biophysica Acta |
| Biologia (Bratislava) | Biologia (Bratislava) |
| Biologia (Lahore) | Biologia (Lahore) |
| Biol Gabonica | Biologia Gabonica |
| Biol Kozlemenyek | Biologiai Kozlemenyek |
| Biol Bull | The Biological Bulletin (Woods Hole, Mass.) |
| Biol Bull Dep Biol Coll Sci Tunghai Univ | Biological Bulletin. Department of Biology College of Science. Tunghai University. Formosa |
| Biol Conserv | Biological Conservation |
| Biol Glasnik | Bioloski Glasnik |
| Biol Hum Aff | Biology and Human Affairs |
| Biol J Linn Soc | Biological Journal of the Linnean Society (formerly, Proceedings of the Linnean Society of London) |
| Biol J Okayama Univ | Biological Journal of Okayama University |

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|-----------------------------------------|-------------------------------------------------------------------------------------------|
| Biol Pap Univ Alaska | Biological Papers of the University of Alaska |
| Biol Pr | Biologické Práce |
| Biol Reprod | Biology of Reproduction |
| Biol Rev (Cambridge) | Biological Reviews of the Cambridge Philosophical Society |
| Biol Vestn | Biologskii Vestnik |
| Biol Skr Dan Vidensk Selsk | Biologiske Skrifter Danske Videnskabernes Selskab |
| Biol Zentralbl | Biologisches Zentralblatt |
| Biol Zh Arm | Biologicheskii Zhurnal Armenii |
| Biologist (Phi Sigma Soc) | The Biologist (Phi Sigma Society) |
| Biometrics | Biometrics |
| BioScience | BioScience |
| Biota | Biota |
| Blood | Blood |
| Bocagiana Mus Munic Funchal | Bocagiana. Museu Municipal do Funchal |
| Bol Esta Biol Mar Univ Fed Ceara | Boletim da Estacao de Biologia Marinha da Universidade Federal do Ceara |
| Bol Inst Oceanogr | Boletim do Instituto Oceanografico (Sao Paulo) |
| Bol Inst Oceanogr Univ Oriente Cumana | Boletin del Instituto Oceanografico de Oriente Cumana |
| Bol Mus Nac Rio de Janeiro Zool | Boletin Museo Nacional Rio de Janeiro Zoologia |
| Biol Real Soc Espan Hist Natur Sec Biol | Boletin de la Real Sociedad Espanol Natural Seccion Biologica |
| Bol Real Soc Espan Hist Natur Sec Geol | Boletin de la Real Sociedad Espanola de Historia Natural Seccion Geologica |
| Bol Soc Cearense Agron | Boletim da Sociedade Cearense de Agronomia |
| Bol Univ Parana Zool | Boletim da Universidade do Parana Zoologia |
| Bol Soc Venez Cienc Natur | Boletin de la Sociedad Venezolana de Ciencias Naturales |
| Boll Mus Civ Storia Natur Venezia | Bollettino del Museo Civico di Storia Naturale di Venezia |
| Boll Mus Ist Biol Univ Genova | Bollettino dei Musei e degli Istituti Biologici dell'Universita di Genova |
| Boll Pesca Piscicult Idrobiol | Bollettino di Pesca, Piscicoltura e Idrobiologia |
| Boll Soc Ital Biol Sper | Bollettino della Societa Italiana di Biologia Sperimentale |
| Boll Zool | Bollettino di Zoologia |
| Bonner Zool Beitr | Bonner Zoologische Beiträge |
| Brain Behav Evol | Brain, Behavior and Evolution |
| Brain Res | Brain Research |
| Breviora | Breviora. Museum of Comparative Zoology. Harvard University |
| Brigham Young Univ Geol Stud | Brigham Young University Geology Studies |
| Brit Antarctic Surv Bull | British Antarctic Survey Bulletin |
| Brit Birds | British Birds |
| Brit Mus (Natur Hist) Bull Geol | British Museum (Natural History) Bulletin Geology |
| Brit Mus (Natur Hist) Bull Hist Ser | British Museum (Natural History) Bulletin Historical Series |
| Brit Mus (Natur Hist) Bull Zool | British Museum (Natural History) Bulletin Zoology |
| Brookhaven Symp Biol | Brookhaven Symposia in Biology |
| Broteria | Broteria. Serie de Ciencias Naturales |
| Bul Inst Cercet Proiect Piscic | Buletinul Institutului de Cercetari si Proiectati Piscicole |
| Bulg Akad Nauk Izv Zool Inst Mus | Bulgarska Akademiya na Naukite. Izvestiya na Zoologicheskii Institut s Musei |
| Bull Acad Polonaise Sci Biol | Bulletin de l'Academie Polonaise des Sciences |
| Bull Acad Serbe Sci Cl Sci Math Natur | Bulletin de l'Academie Serbe des Sciences Classe des Sciences Mathematiques et Naturelles |
| Bull Agr Exp Sta Kansas State Univ | Bulletin of the Agricultural Experiment Station Kansas State University |
| Bull Amer Mus Natur Hist | Bulletin of the American Museum of Natural History |
| Bull Archeol Soc N J | Bulletin. The Archeological Society of New Jersey |
| Bull At Soc | Bulletin of the Atomic Scientists |

- Bull Buffalo Soc Natur Sci
 Bull Bur Rech Geol Minieres Ser 2
 Sect 1
 Bull Cent Mar Fish Res Inst
 Bull Centre Etud Rech Sci Biarritz
 Bull Dep Zool Univ Panjab N S
 Bull Fac Fish Hokkaido Univ
 Bull Fac Sci Cairo Univ
 Bull Far Seas Fish Res Lab
 Bull Field Mus Natur Hist
 Bull Ga Acad Sci
 Bull Geol Surv Canada
 Bull Hokkaido Reg Fish Res Lab
 Bull Inst Fond Afr Noire Ser A
 Bull Inst Peches Marit Maroc
 Bull Inst Roy Sci Natur Belg
 Bull Inst Zool Acad Sinica (Taipei)
 Bull Inter-Amer Trop Tuna Comm
 Bull Jap Soc Sci Fish
 Bull Los Angeles County Mus Natur Hist
 Bull Mar Sci
 Bull Mens Soc Linn Lyon
 Bull Misaki Mar Biol Inst Kyoto Univ
 Bull Mt Desert Isl Biol Lab
 Bull Mus Hist Natur Marseille
 Bull Nat Mus Can
 Bull Nat Sci Mus (Tokyo)
 Bull Oreg State Game Comm
 Bull Osaka Mus Natur Hist
 Bull Pusan Fish Coll (Natur Sci)
 Bull S C Acad Sci
 Bull Sch Orient Afr Stud Univ London
 Bull Sci Cons Acad RSF Yougoslavie
 Sect A Sci Natur Tech Med
 Bull Sea Fish Res Sta Haifa
 Bull Soc Geol Fr
 Bull Soc Hist Natur Toulouse
 Bull Soc Roy Sci Liege
 Bull Soc Sci Bretagne
 Bull Soc Zool Fr
 Bull Sport Fishing Inst
 Bull State Geol Natur Hist Surv Conn
 Bull Texas Archeol Soc
 Bull Tokai Reg Fish Res Lab
 Bull Wildlife Dis Ass
- Bulletin of the Buffalo Society of Natural Sciences
 Bulletin du Bureau de Recherches Geologiques
 et Minieres
 Bulletin of Central Marine Fisheries Research Institute
 Bulletin du Centre d'Etudes et de Recherches
 Scientifiques
 Bulletin of the Department of Zoology, University
 of the Panjab, New Series
 Bulletin of the Faculty of Fisheries Hokkaido
 University
 Bulletin of the Faculty of Science Cairo University
 Bulletin of the Far Seas Fishery Research Laboratory
 Bulletin Field Museum of Natural History
 Bulletin of the Georgia Academy of Science
 Bulletin of the Geological Survey of Canada
 Bulletin of the Hokkaido Regional Fisheries
 Research Laboratory
 Bulletin de l'Institut Fondamental d'Afrique
 Noire. Serie A: Sciences Naturelles. (Dakar)
 Bulletin de l'Institut des Peches Maritimes
 du Maroc
 Bulletin Institut Royal Scientifique Naturelle
 Belgique
 Bulletin of the Institute of Zoology Academia
 Sinica (Taipei)
 Bulletin of the Inter-American Tropical Tuna
 Commission
 Bulletin of the Japanese Society of Scientific
 Fisheries
 Bulletin of the Los Angeles County Museum of
 Natural History. Science
 Bulletin of Marine Science (Coral Gables, Florida)
 Bulletin Mensuel de la Societe Linneenne de Lyon
 Bulletin of the Misaki Marine Biological Institute
 of Kyoto University
 Bulletin of the Mount Desert Island Biological
 Laboratory
 Bulletin du Museum d'Histoire Naturelle de Marseille
 Bulletin of the National Museum of Canada
 Bulletin of the National Science Museum
 Bulletin of the Oregon State Game Commission
 Bulletin of the Osaka Museum of Natural History
 Bulletin of Pusan Fisheries College (Natural
 Science)
 Bulletin of the South Carolina Academy of Science
 Bulletin of the School of Oriental and African
 Studies. University of London
 Bulletin Scientifique. Conseil des Academies
 de la RSF de Yougoslavie. Section A. Sciences
 Naturelles Techniques et Medicales
 Bulletin of the Sea Fisheries Research Station Haifa
 Bulletin de la Societe Geologique de France
 Bulletin de la Societe d'Histoire Naturelle de Toulouse
 Bulletin de la Societe Royale des Sciences de Liege
 Bulletin de la Societe Scientifique de Bretagne
 Bulletin de la Societe Zoologique de France
 Bulletin Sport Fishing Institute
 Bulletin of the State Geological and Natural
 History Survey of Connecticut. A Division of
 the Department of Agriculture and Natural Resources
 Bulletin of the Texas Archeological Society
 Bulletin of the Tokai Regional Fisheries
 Research Laboratory
 Bulletin of the Wildlife Disease Association

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| Bull Wildlife Dis Ass (Proc Annu Conf) | Bulletin of the Wildlife Disease Association (Proceedings of the Annual Conference) |
| Bull Zool Mus Univ Amsterdam | Bulletin Zoologisch Museum Universiteit van Amsterdam |
| Bull Zool Nomencl | Bulletin of Zoological Nomenclature |
| Buntbarsche Bull | Buntbarsche Bulletin (American Cichlid Association) |
| Byull Mosk Obshchest Ispyt Prir Otd Biol | Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskii |
| C R Ass Anat | Comptes Rendus de l'Association des Anatomistes |
| C R Hebd Seances Acad Sci Paris Ser D | Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences (Paris) |
| C R Seances Soc Biol | Comptes Rendus des Seances de la Societe de Biologie et de ses Filiales |
| C R Seances Soc Phys Hist Natur Geneve | Compte Rendu des Seances de la Societe de Physique et d'Histoire Naturelle de Geneve |
| C S I R O (Commonw Sci Ind Res Organ) Div Fish Oceanogr Annu Rep | C S I R O Annual Report. Division of Fisheries and Oceanography |
| C S I R O (Commonw Sci Ind Res Organ) Div Fish Oceanogr Tech Pap | C S I R O Technical Paper. Division of Fisheries and Oceanography |
| Cad Amazonia | Cadernos da Amazonia. Instituto Nacional de Pesquisas da Amazonia |
| Cah Biol Mar | Cahiers de Biologie Marine |
| Cah ORSTOM (Office Rech Sci Tech Outre-Mer) Ser Hydrobiol | Cahiers ORSTOM (Office de la Recherche Scientifique et Technique Outre-Mer) Serie Hydrobiologie |
| Cah ORSTOM (Office Rech Sci Tech Outre-Mer) Ser Oceanogr | Cahiers ORSTOM (Office de la Recherche Scientifique et Technique Outre-Mer) Serie Oceanographie |
| Cah Pac | Cahiers du Pacifique |
| Calcified Tissue Res | Calcified Tissue Research |
| Calif Coop Oceanic Fish Invest Atlas | California Cooperative Oceanic Fisheries Investigations Atlas |
| Calif Coop Oceanic Fish Invest Rep | California Cooperative Oceanic Fisheries Investigations Report |
| Calif Dep Fish Game Fish Bull | California Department of Fish and Game. Fish Bulletin |
| Calif Fish Game | California Fish and Game |
| Calif Resour Agency Dep Fish Game Water Proj Branch Rep | California. The Resources Agency Department of Fish and Game Water Projects Branch Report |
| Can Audubon | Canadian Audubon |
| Can Field-Natur | The Canadian Field-Naturalist |
| Can Fish Cult | Canadian Fish Culturist |
| Can Geogr J | Canadian Geographical Journal |
| Can J Biochem | Canadian Journal of Biochemistry |
| Can J Earth Sci | Canadian Journal of Earth Sciences |
| Can J Genet Cytol | Canadian Journal of Genetics and Cytology |
| Can J Microbiol | Canadian Journal of Microbiology |
| Can J Physiol Pharmacol | Canadian Journal of Physiology and Pharmacology |
| Can J Zool | Canadian Journal of Zoology |
| Caribbean J Sci | Caribbean Journal of Science |
| Caves Karst | Caves and Karst |
| Chesapeake Sci | Chesapeake Science |
| Chromosoma | Chromosoma |
| Cimbebasia | Cimbebasia |
| Circ Res | Circulation Research |
| Colo Outdoors | Colorado Outdoors |
| Commer Fish Rev | Commercial Fisheries Review |
| Commun Behav Biol Pt A | Communications in Behavioral Biology. Part A |
| Commun Behav Biol Pt B | Communications in Behavioral Biology. Part B |
| Comp Biochem Physiol | Comparative Biochemistry and Physiology |
| Comun Zool Mus Hist Natur Montevideo | Comunicaciones Zoológicas del Museo de Historia Natural de Montevideo |
| Conn Woodlands | Connecticut Woodlands |
| Cons Gen Peches Medit FAO Etudes Rev | Conseil General des Peches pour la Mediterranee Etudes et Revues |
| Cons Int Explor Mer Bull Statist Peches Marit | Conseil International pour l'Exploration de la Mer. Bulletin Statistique des Peches Maritimes |

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| Conserv Catalyst | Conservation Catalyst (renamed, Dec. 31, 1968, Catalyst for Environmental Quality) |
| Conserv Volunteer | The Conservation Volunteer |
| Conservationist | The Conservationist (Albany, New York) |
| Conservationist (Missouri) | The Conservationist |
| Contrib Inst Antartico Argent Buenos Aires | Contribucion del Instituto Antartico Argentino |
| Contrib Mar Fish Lab (Bangkok) | Contribution. Marine Fisheries Laboratory, Bangkok |
| Contrib Mar Sci | Contributions in Marine Science (Port Aransas) |
| Contrib Mus Paleontol Univ Mich | Contributions from the Museum of Paleontology. University of Michigan |
| Copeia | Copeia |
| Crustaceana | Crustaceana. International Journal of Crustacean Research |
| Curator | Curator (American Museum of Natural History) |
| Curr Sci | Current Science |
| Cytologia (Tokyo) | Cytologia |
| Dana Rep Carlsberg Found | Dana Reports. Carlsberg Foundation |
| Dari Seama Sedintelor (Bucuresti) | Dari de Seama ale Sedintelor |
| Data Rec Oceanogr Observ Explor Fish (Hokkaido) | Data Record of Oceanographic Observations and Exploratory Fishing Hokkaido University |
| Deep-Sea Res Oceanogr Abstr | Deep-Sea Research and Oceanographic Abstracts |
| Denison J Biol Sci | Denison Journal of Biological Science |
| Deut Fisch Ztg | Deutsche Fischerei Zeitung |
| Develop Biol | Developmental Biology |
| Develop Growth Different | Development Growth and Differentiation (formerly, Embryologia) |
| Discovery (New Haven) | Discovery (New Haven) |
| Diss Abstr | Dissertation Abstracts. B—The Sciences and Engineering |
| Doc ORSTOM Centre Pointe-Noire | Document Office de la Recherche Scientifique et Technique Outre-Mer Centre de Pointe-Noire |
| Doc Zool Mus Roy Afr Cent | Documentation Zoologique. Musee Royal de l'Afrique Centrale. (Tervuren, Belgique) |
| Dokl Akad Nauk SSSR Biol Sci Sect | Doklady Akademii Nauk SSSR Biological Sciences Section |
| Dokl Akad Nauk SSSR Geol Sci Sect | Doklady Akademii Nauk SSSR Geological Sciences Section |
| Dokl Biol Sci | Doklady Biological Sciences. Proceedings of the Academy of Sciences of the USSR Biological Science Sections (Translation) |
| Dopov Akad Nauk Ukr RSR Ser B | Dopovidi Akademiyi Nauk Ukrayins'koi RSR Series B: Geology, Geophysics, Chemistry, Biology, Kiev |
| Doriana | Doriana. Supplemento agli Annali del Museo Civico di Storia Naturale "G. Doria," Genova |
| Drum Croaker (Wash) | Drum and Croaker |
| East Afr Agr Forest J | East African Agricultural and Forestry Journal |
| East Cape Natur | Eastern Cape Naturalist |
| Ecol Monogr | Ecological Monographs |
| Ecology | Ecology |
| Eesti Loodus | Eesti Loodus |
| Eesti NSV Tead Akad Toim Biol Seer | Eesti NSV Teaduste Akademia Toimetised Bioloogiline Seeria |
| Embryologia | Embryologia (renamed, 1969, Development Growth and Differentiation) |
| Encycl Cinematographica (Göttingen) | Encyclopedia Cinematographica |
| Endocrinol Jap | Endocrinologia Japonica |
| Endocrinology | Endocrinology |
| Entomol Z (Stuttgart) | Entomologische Zeitschrift |
| Environ Sci Technol | Environmental Science and Technology |
| Environment Southwest | Environment Southwest |
| Essex Natur | Essex Naturalist |
| Eur J Biochem | European Journal of Biochemistry |
| Evolution | Evolution |
| Exp Brain Res | Experimental Brain Research |

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| Exp Cell Res | Experimental Cell Research |
| Exp Gerontol | Experimental Gerontology |
| Exp Neurol | Experimental Neurology |
| Exp Parasitol | Experimental Parasitology |
| Experientia | Experientia |
| Explorers J | Explorers Journal (New York) |
| FAO Fish Cult Bull | FAO (Food and Agricultural Organization of the United Nations) Fish Culture Bulletin |
| FAO (Food Agr Organ U N) Fish Circ | FAO (Food and Agricultural Organization of the United Nations) Fisheries Circular |
| FAO (Food Agr Organ U N) Fish Rep | FAO (Food and Agricultural Organization of the United Nations) Fisheries Reports |
| FAO (Food Agr Organ U N) Fish Synopsis | FAO (Food and Agricultural Organization of the United Nations) Fisheries Synopsis |
| FAO (Food Agr Organ U N) Fish Tech Pap | FAO (Food and Agricultural Organization of the United Nations) Fisheries Technical Paper |
| FAO (Food Agr Organ U N) Man Fish Sci | FAO (Food and Agricultural Organization of the United Nations) Manuals in Fisheries Science |
| FAO (Food Agr Organ U N) Stud Rev Gen Fish Coun Mediter | FAO (Food and Agricultural Organization of the United Nations) Studies and Reviews Conseil General des Peches pour la Mediterranee |
| Fauna (Oslo) | Fauna |
| Fauna Flora (Transvaal) | Fauna and Flora (Transvaal) |
| Fauna Flora | Fauna och Flora |
| Fauna Repub Socialiste Romania | Fauna Republicii Socialiste Romania |
| Faunistisch Oekol Mitt | Faunistisch-Okologische Mitteilungen |
| Fed Proc | Federation Proceedings |
| Feedstuffs | Feedstuffs |
| Field | The Field (London) |
| Field Mus Natur Hist Bull | See: Bull Field Mus Natur Hist |
| Field Naturalist (Cumberland) | The Field Naturalist |
| Field Stream | Field and Stream |
| Fieldiana Geol | Fieldiana Geology |
| Fish Bull S Afr | Fisheries Bulletin. Republic of South Africa Division of Sea Fisheries |
| Fish Cult | The Fish Culturist (Philadelphia) |
| Fish Invest Min Agr Fish Food (Gt Brit) Ser II Salmon Freshwater Fish | Fishery Investigations. Ministry of Agriculture Fisheries and Food (Great Britain) Series II Salmon and Freshwater Fisheries |
| Fish Res Board Can Bull | Fisheries Research Board of Canada Bulletin |
| Fish Res Board Can Circ | Fisheries Research Board of Canada Circular (formerly, Fisheries Research Board of Canada General Series Circular) |
| Fish Res Board Can Gen Ser Circ | Fisheries Research Board of Canada General Series Circular (renamed, 1969, Fisheries Research Board of Canada Circular) |
| Fish Res Board Can J | Fisheries Research Board of Canada Journal |
| Fish Res Board Can Newfoundland Biol Sta Circ | Fisheries Research Board of Canada. Newfoundland Biological Station Circular |
| Fish Res Board Can Tech Rep | Fisheries Research Board of Canada Technical Report |
| Fish Res Bull (Cortland Hatchery Rep) | Fisheries Research Bulletin Cortland Hatchery Report |
| Fisherman (New South Wales) | Fisherman. Official Journal of State Fisheries of New South Wales (Ultimo, N.S.W.) |
| Fisken Havet | Fisken og Havet |
| Fiskeridir Skr Ser Havunders | Fiskeridirektoratets Skrifter. Serie Havundersokelser |
| Fiziol Zh SSSR IM I M Sechenova | Fiziologicheskii Zhurnal SSSR Imeni I M Sechenova |
| Fla Board Conserv Div Salt Water Fish Mar Lab Leaflet Ser | Florida Board of Conservation. Division of Salt Water Fisheries. Marine Laboratory. Leaflet Series |
| Fla Dep Natur Resour Mar Res Lab Prof Pap Ser | Florida Department of Natural Resources. Marine Research Laboratory. Professional Papers Series |
| Fla Dep Natur Resour Mar Res Lab Tech Ser | Florida Department of Natural Resources. Marine Research Laboratory. Technical Series |
| Fla Natur | The Florida Naturalist |
| Fla State Board Conserv Mar Lab | Florida State Board of Conservation. Marine |

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| Spec Sci Rep | Laboratory. Special Scientific Report |
| Fla State Board Conserv Tech Ser | Florida State Board of Conservation. Technical Series |
| Fla Wildlife | Florida Wildlife |
| Folia Endocrinol Jap | Folia Endocrinologica Japonica |
| Folia Morphol (Prague) | Folia Morphologica (formerly, Československa Mikrobiologie) |
| Folia Morphol (Warszawa) | Folia Morphologica (Warszawa) |
| Folia Parasitol | Folia Parasitologica |
| Forma Functio | Forma et Functio |
| Fortschr Evolutionsforsch | Fortschritte der Evolutionsforschung |
| Fortschr Zool | Fortschritte der Zoologie |
| Fossilium Catalogus. 1: Animalia | Fossilium Catalogus. 1: Animalia |
| Freshwater Biol Ass Annu Rep | Freshwater Biological Association. Annual Report |
| Freshwater Fish Res Org Annu Rep (Jinja, Uganda) | Freshwater Fisheries Research Organization Annual Report |
| Freshwater Salmon Fish Res Dep | Freshwater and Salmon Fisheries Research. |
| Agricult Fish Scotland | Department of Agriculture and Fisheries for Scotland |
| Freunde Kolner Zoo | Freunde des Kolner Zoo |
| Frontiers (Philadelphia) | Frontiers |
| Galathea Rep | Galathea Report. Scientific Results of the Danish Deep-Sea Expedition Round the World 1950—52 |
| Gegenbaurs Morphol Jahrb | Gegenbaurs Morphologisches Jahrbuch |
| Gen Comp Endocrinol | General and Comparative Endocrinology |
| Genet Res | Genetical Research |
| Genetics | Genetics |
| Genetics Suppl | Genetics Supplement |
| Geogr Mag (London) | The Geographical Magazine |
| Geol Foren Stockholm Forh | Geologiska Foreningen i Stockholm Forhandlingar |
| Geol Jahrb | Geologisches Jahrbuch |
| Geol Palaeontol Southeast Asia | Geology and Palaeontology of Southeast Asia |
| Geol Soc Amer Abstr Spec Pap | The Geological Society of America, Inc. Abstracts |
| Geol Soc Amer Mem | Geological Society of America Memoir |
| Geol Surv Ala Circ | Geological Survey of Alabama Circular |
| Geologica Palaeontologica | Geologica et Palaeontologica |
| Geologie | Geologie |
| Great Basin Natur | The Great Basin Naturalist |
| Great Lakes Fish Comm Tech Rep | Great Lakes Fishery Commission Technical Report |
| Gulf Res Rep | Gulf Research Reports |
| Gunma Symp Endocrinol | Gunma Symposia on Endocrinology |
| Handb Physiol | Handbook of Physiology |
| Hawaii Inst Mar Biol Tech Rep | Hawaii Institute of Marine Biology Technical Report |
| Helgolaender Wiss Meeresunters | Helgolander Wissenschaftliche Meeresuntersuchungen |
| Helminthol Abstr | Helminthological Abstracts |
| Hereditas | Hereditas |
| Heredity | Heredity |
| Herpetologica | Herpetologica |
| Hydrobiologia (Bucuresti) | Hydrobiologia |
| Humangenetik | Humangenetik |
| Hydrobiol J (Transl Gidrobiol J) | Hydrobiological Journal |
| Hydrobiologia | Hydrobiologia |
| Hydrospace | Hydrospace. Quarterly Review of Ocean Management |
| Ichthyol Aquarium J | Ichthyologica, The Aquarium Journal |
| Ichthyol Bull Dep Ichthyol Rhodes Univ | Ichthyological Bulletin Department of Ichthyology, Rhodes University |
| Ichthyologica (Kanpur) | Ichthyologica, An International Journal of Ichthyology and Hydrobiology |
| Ill Dep Conserv Fish Bull | Illinois Department of Conservation Fishery Bulletin |
| Indian J Exp Biol | Indian Journal of Experimental Biology |

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| Indian J Fish Sect A | Indian Journal of Fisheries. Section A |
| Indian J Fish Sect B | Indian Journal of Fisheries. Section B |
| Indian J Helminthol | Indian Journal of Helminthology |
| Indian J Med Res | The Indian Journal of Medical Research |
| Indian Sci Cong Ass Proc | Indian Science Congress Association Proceedings |
| Indo-Pac Fish Counc Curr Aff Bull | Indo-Pacific Fisheries Council Current Affairs Bulletin |
| Indo-Pac Fish Counc Occas Pap | Indo-Pacific Fisheries Council Occasional Paper |
| Inform Bull Sci Res Counc | Information. Bulletin of the Scientific Research Council. Jamaica |
| Informe Tecnico (Minist Agricult Cria Invest Pesq Repub Venezuela) | Informe Tecnico. Ministerio de Agricultura y Cria. Investigaciones Pesqueras. Republica de Venezuela |
| Innovations Fish Culturists (Pa Fish Commission) | Innovations for Fish Culturists (Pennsylvania Fish Commission) |
| Inst Mar Peru (Callao) Bol | Instituto del Mar del Peru (Callao) Boletin |
| Inst Mar Peru (Callao) Informe | Instituto del Mar del Peru (Callao) Informe |
| Inst Mar Res Lysekil Ser Biol Rep | Institute of Marine Research Lysekil Series Biology. Report |
| Inst Oceanogr (Monaco) Bull | Institut Oceanographique (Monaco) Bulletin |
| Inst Oceanogr Ribarstvo—Split | Institut za Oceanografiju in Ribarstvo—Split, |
| Jugoslav Biljeske | SFR Jugoslavija Biljeske-Notes |
| Int Biol Prog Handb | International Biological Programme Handbook |
| Int J Radiat Biol | International Journal of Radiation Biology |
| Int N Pac Fish Comm Bull | International North Pacific Fisheries Commission Bulletin |
| Int Pac Salmon Fish Comm Progr Rep | International Pacific Salmon Fisheries Commission Progress Report |
| Int Rev Cytol | International Review of Cytology |
| Int Rev Gen Exp Zool | International Review of General and Experimental Zoology |
| Int Rev Gesamten Hydrobiol | Internationale Revue der Gesamten Hydrobiologie |
| Int Union Conserv Nature Natur Resour Publ New Ser | International Union for Conservation of Nature and Natural Resources Publication. New Series. |
| Int Union Conserv Nature Natur Resour Proc Pap N S | International Union for Conservation of Nature and Natural Resources Proceedings and Papers |
| Int Ver Theor Angew Limnol Verh | Internationale Vereinigung fuer Theoretische und Angewandte Limnologie Verhandlungen |
| Int Zoo Yearb | International Zoo Yearbook |
| Invest Ophthalmol | Investigative Ophthalmology |
| Invest Pesq | Investigacion Pesquera |
| In Vitro | In Vitro |
| Iowa State J Sci | Iowa State Journal of Science |
| Iraq Natur Hist Mus Publ | Iraq Natural History Museum Publication |
| Irish Natur J | Irish Naturalists Journal |
| Israel J Zool | Israel Journal of Zoology |
| Ist Lombardo Accad Sci Lett Rend Ser B | Istituto Lombardo Accademia di Scienze e Lettere Rendiconti B |
| Istanbul Univ Fen Fak Mecm Ser B | Istanbul Universitesi Fen Fakultesi Mecmuasi. |
| Tabii Ilimler | Seri B. Tabii Ilimler |
| Izv Akad Nauk Azerb SSR Ser Biol Nauk | Izvestiya Akademii Nauk Azerbaidzhanskoi SSR Seriya Biologicheskikh Nauk |
| Izv Akad Nauk Kaz SSR Ser Biol | Izvestiya Akademii Nauk Kazakhskoi SSR Seriya Biologicheskikh Nauk |
| Izv Akad Nauk Latv SSR | Izvestiya Akademii Nauk Latviskoi SSR |
| Izv Akad Nauk Mold SSR Ser Biol Khim | Izvestiya Akademii Nauk Moldavskoi SSR Seriya Biologicheskikh i Khimicheskikh |
| Izv Akad Nauk SSSR Ser Biol | Izvestiya Akademii Nauk SSSR. Seriya Biologicheskaya |
| Izv Akad Nauk Tadzh SSR Otd Biol Nauk | Izvestiya Akademii Nauk Tadzhikskoi SSR Otdelenie Biologicheskikh Nauk |
| Izv Akad Nauk Turkm SSR Ser Biol Nauk | Izvestiya Akademii Nauk Turkmenkoi SSR Seriya Biologicheskikh Nauk |
| Izv Nauchn Inst Ribno Stop Okeanogr-Varna | Izvestia. Nauchnoizsledovatel'ski. Institut za Tibne Stopenstvoi Okeanografi |
| Izv Tikhookean Nauch-Issled Inst Ryb Khoz Okeanogr | Izvestiya Tikhookeanskogo Nauchno-Issledovatel'skogo Instituta Rybnogo Khozyaistva i Oceanografi |
| Izv Vses Geogr Obschest | Izvestiya Vsesoyuznogo Geograficheskogo Obschestva |

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| J Acoust Soc Amer | The Journal of the Acoustical Society of America |
| J Ala Acad Sci | The Journal of the Alabama Academy of Science |
| J Amer Killifish Ass | Journal of the American Killifish Association |
| J Anat | Journal of Anatomy |
| J Anim Ecol | The Journal of Animal Ecology |
| J Anim Morphol Physiol | The Journal of Animal Morphology and Physiology |
| J Appl Ecol | The Journal of Applied Ecology |
| J Ariz Acad Sci | Journal of the Arizona Academy of Science |
| J Asiatic Soc | Journal of the Asiatic Society (Calcutta) |
| J Aud Res | The Journal of Auditory Research |
| J Bengal Natur Hist Soc | Journal of the Bengal Natural History Society |
| J Biol Chem | The Journal of Biological Chemistry |
| J Biol Sci | The Journal of Biological Sciences |
| J Bombay Natur Hist Soc | Journal of the Bombay Natural History Society |
| J Cell Biol | The Journal of Cell Biology |
| J Cell Physiol | Journal of Cellular Physiology |
| J Cell Sci | Journal of Cell Science |
| J Chromatogr | Journal of Chromatography |
| J Colo-Wyo Acad Sci | The Journal of the Colorado-Wyoming Academy of Science |
| J Comp Neurol | The Journal of Comparative Neurology |
| J Comp Physiol Psychol | Journal of Comparative and Physiological Psychology |
| J Cons Cons Perma Int Explor Mer | Journal du Conseil. Conseil Permanent International pour l'Exploration de la Mer |
| J Dent Res | Journal of Dental Research |
| J East Afr Natur Hist Soc Nat Mus | Journal of the East Africa Natural History Society and National Museum |
| J Ecol | Journal of Ecology |
| J Elisha Mitchell Sci Soc | Journal of the Elisha Mitchell Scientific Society |
| J Embryol Exp Morphol | Journal of Embryology and Experimental Morphology |
| J Endocrinol | The Journal of Endocrinology |
| J Evol Biochem Physiol Transl Zh | Journal of Evolutionary Biochemistry and Physiology. |
| Evol Biokhim Fiziol | Translation Zhurnal Evolyutsionnoi Biokhimii i Fiziologii |
| J Exp Anal Behav | Journal of the Experimental Analysis of Behavior |
| J Exp Biol | The Journal of Experimental Biology |
| J Exp Mar Biol Ecol | Journal of Experimental Marine Biology and Ecology |
| J Exp Zool | The Journal of Experimental Zoology |
| J Fac Fish Anim Husb Hiroshima Univ | Journal of the Faculty of Fisheries and Animal Husbandry. Hiroshima University |
| J Fac Sci Hokkaido Univ Ser VI Zool | Journal of the Faculty of Science Hokkaido University. Series VI Zoology |
| J Fish Biol | Journal of Fish Biology |
| J Gen Physiol | The Journal of General Physiology |
| J Gen Microbiol | The Journal of General Microbiology |
| J Genet Psychol | The Journal of Genetic Psychology |
| J Geol | The Journal of Geology |
| J Helminthol | Journal of Helminthology |
| J Hered | The Journal of Heredity |
| J Hirnforsch | Journal für Hirnforschung |
| J Histochem Cytochem | The Journal of Histochemistry and Cytochemistry |
| J Immunol | The Journal of Immunology |
| J Linn Soc London Zool | The Journal of the Linnean Society of London Zoology |
| J Mar Biol Ass India | Journal of the Marine Biological Association of India |
| J Mar Biol Ass U K | Journal of the Marine Biological Association of the United Kingdom |
| J Mar Freshwater Res | See: N Z J Mar Freshwater Res |
| J Microsc | Journal de Microscopie |
| J Minn Acad Sci | Journal of the Minnesota Academy of Science |
| J Mol Biol | Journal of Molecular Biology |
| J Morphol | Journal of Morphology |

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| J Natur Hist | Journal of Natural History |
| J Neurochem | Journal of Neurochemistry |
| J Neuropathol Exp Neurol | Journal of Neuropathology and Experimental Neurology |
| J Oceanogr Soc Jap | Journal of the Oceanographical Society of Japan |
| J Paleontol | Journal of Paleontology |
| J Parasitol | The Journal of Parasitology |
| J Physiol (London) | The Journal of Physiology (London) |
| J Physiol (Paris) | Journal de Physiologie |
| J Protozool | The Journal of Protozoology |
| J Radiat Res | Journal of Radiation Research |
| J Reproduct Fert Suppl | Journal of Reproduction and Fertility. Supplement |
| J Roy Soc West Aust | Journal of the Royal Society of Western Australia |
| J Sci Hiroshima Univ Ser B Div 1 Zool | Journal of Science of the Hiroshima University. Series B, Division 1 (Zoology) |
| J Sci Lab Denison Univ | Journal of the Scientific Laboratories. Denison University |
| J Shimonoseki Univ Fish | The Journal of the Shimonoseki University of Fisheries |
| J Soc Bibliogr Natur Hist | Journal of the Society for the Bibliography of Natural History |
| J Tenn Acad Sci | Journal of the Tennessee Academy of Science |
| J Theor Biol | Journal of Theoretical Biology |
| J Tokyo Univ Fish | Journal of the Tokyo University of Fisheries |
| J Ultrastruct Res | Journal of Ultrastructure Research |
| J Univ Bombay | Journal of the University of Bombay |
| J Virol | Journal of Virology |
| J Water Pollut Contr Fed | Journal Water Pollution Control Federation |
| J West Afr Sci Ass | Journal of the West African Science Association |
| J Wildlife Manage | The Journal of Wildlife Management |
| J Zool Proc Zool Soc London | Journal of Zoology. Proceedings of the Zoological Society of London |
| J Zool Soc India | Journal of the Zoological Society of India |
| Jap J Appl Entomol Zool | Japanese Journal of Applied Entomology and Zoology |
| Jap J Ecol | Japanese Journal of Ecology |
| Jap J Genet | The Japanese Journal of Genetics |
| Jap J Ichthyol | Japanese Journal of Ichthyology |
| Jap J Limnol | The Japanese Journal of Limnology |
| Jap J Parasitol | Japanese Journal of Parasitology |
| Jeune Scientifique | Le Jeune Scientifique |
| Jokull | Jokull |
| Junta Invest Ultramar Notas Centro Biol Aqua Trop | Junta de Investgações do Ultramar. Notas do Centro de Biologia Aquática Tropical (Lisbon) |
| Kans Fish Game | Kansas Fish and Game |
| Kans Sch Natur | The Kansas School Naturalist |
| Kasetsart Univ Fish Res Bull | Kasetsart University Research Bulletin |
| Kat Fauny Pol | Katalog Fauny Polski |
| Kieler Meeresforsch | Kieler Meeresforschungen |
| Kirtlandia | Kirtlandia (The Cleveland Museum of Natural History)- |
| Koedoe | Koedoe (Journal for Scientific Research in the National Parks of the Republic of South Africa) |
| Kon Ned Akad Wetensch Proc Ser B Phys Sci | Koninklijke Nederlandse Akademie van Wetenschappen Proceedings. Series B. Physical Sciences |
| Kon Ned Akad Wetensch Proc Ser C Biol Med Sci | Koninklijke Nederlandse Akademie van Wetenschappen Proceedings. Series C. Biological and Medical Sciences |
| Korean Nature | Korean Nature |
| Kosmos (Stuttgart) | Kosmos |
| Kosmos Warszawa Ser A Biol | Kosmos Warszawa Seria A Biologia |
| Kumamoto J Sci Ser B Sect 2 Biol | Kumamoto Journal of Science. Series B. Section 2. Biology |
| Ky Happy Hunting Ground | Kentucky Happy Hunting Ground |
| Kyoto Univ Afr Stud | Kyoto University African Studies |
| Kyungpook Univ Theses Collect | Kyungpook University Theses Collection |

| | |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| La Conserv | Louisiana Conservationist |
| Labdev J Sci Technol | Labdev. Journal of Science and Technology |
| Lagena | Lagena. Instituto Oceanografico (Cumana, Venezuela) |
| Latv Padomju Soc Repub Zinat Akad Vestis | Latvijas Padomju Socialistiskas Republikas Zinatnu Akademijas Vestis (Izvestiya Akademii Nauk Latviiskoi SSR) |
| Lethaia | Lethaia |
| Levende Natuur | De Levende Natuur |
| Liberian Natur | The Liberian Naturalist |
| Life Sci | Life Sciences |
| Limnol Oceanogr | Limnology and Oceanography |
| Limnologica | Limnologica |
| Limnos | Limnos (Ann Arbor, Michigan) |
| Living Wilderness | Living Wilderness |
| Lloydia (Cincinnati) | Lloydia |
| London Natur | The London Naturalist. Journal of the London Natural History Society |
| Lore (Milwaukee) | Lore |
| Loris | Loris |
| Los Angeles County Mus Contrib Sci | Los Angeles County Museum Contributions in Science |
| Luonnon Tutkija | Luonnon Tutkija |
| Malacol Soc London Proc | Malacological Society of London Proceedings |
| Malayan Nature J | The Malayan Nature Journal |
| Mar Biol (Berlin) | Marine Biology. International Journal on Life in Oceans and Coastal Waters |
| Mar Res Dep Agr Fish Scot | Marine Research. Department of Agriculture and Fisheries for Scotland (formerly, Marine Research Series Scottish Home Department) |
| Mar Res Ser Scot Home Dep | Marine Research Series Scottish Home Department (renamed, 1969, Marine Research. Department of Agriculture and Fisheries for Scotland) |
| Maritimes | Maritimes (University of Rhode Island) |
| Md Conser | Maryland Conservationist |
| Medd Dan Fisk Havunders N S | Meddelelser fra Danmarks Fiskeri- og Havundersogelser N S |
| Meded Kon Vlaamse Acad Wetensch Lett Schone Kunsten Belge | Mededelingen van de Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van Belgie |
| Mem Fac Fish Hokkaido Univ | Memoirs of the Faculty of Fisheries Hokkaido University |
| Mem Fac Fish Kagoshima Univ | Memoirs of the Faculty of Fisheries Kagoshima University |
| Mem Geol Soc Amer | Memoirs of the Geological Society of America |
| Mem Inst Fond Afrique Noir | Memoires de l'Institut Fondamental d'Afrique Noir |
| Memoriu Inst Geol (Bucuresti) | Memorii Institutul Geologic Bucuresti |
| Mem Inst Invest Cient Mocambique Ser A | Memorias do Instituto de Investigacao Cientifica de Mocambique |
| Mem Inst Oswaldo Cruz Rio de Janeiro | Memorias do Instituto Oswaldo Cruz Rio de Janeiro |
| Mem Ist Ital Idrobiol Dott Marco de Marchi Pallanza Italy | Memorie dell'Istituto Italiano di Idrobiologia Dott. Marco de Marchi, Pallanza Italy |
| Mem Kyoto Univ Coll Agr Fish Ser | Memoirs of the College of Agriculture, Kyoto University. Fisheries Series |
| Mem Nat Sci Mus (Tokyo) | Memoirs of the National Science Museum |
| Mem ORSTOM (Off Rech Sci Tech Outre-Mer) | Memoires ORSTOM (Office de la Recherche Scientifique et Technique Outre-Mer) |
| Mem S Calif Acad Sci | Memoirs of the Southern California Academy of Science |
| Mem Soc Geol Fr | Memoires de la Societe Geologique de France |
| Mer Bull Soc Franco-Jap Oceanogr | La Mer (Bulletin de la Societe Franco-Japonaise d'Océanographie) |
| Merentutkimuslaitoksen Julkaisu | Merentutkimuslaitoksen Julkaisu |
| Havsforskningsinst Skr | Havsforskningsinstituttets Skrift |
| "Meteor" Forschungsergeb Ser D (Biol) | "Meteor" Forschungsergebnisse |
| Mich Acad Pap Mich Acad Sci Arts Lett | Michigan Academician |
| Mich Conserv | Michigan Conservation |
| Micronesica J Coll Guam | Micronesica. Journal of the College of Guam |
| Mikrokosmos | Mikrokosmos |

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| Mil Med | Military Medicine |
| Misaki Mar Biol Inst Kyoto Univ Spec Rep | Misaki Marine Biological Institute Kyoto University. Special Report |
| Misc Rep Res Inst Natur Resour | Miscellaneous Reports of the Research Institute for Natural Resources (Tokyo) |
| Misc Zool | Miscelanea Zoologica |
| Miss Game Fish | Mississippi Game and Fish |
| Mitt Hamburg Zool Mus Inst | Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut |
| Mitt Max Planck Ges Forder Wiss | Mitteilungen aus der Max-Planck-Gesellschaft zur Forderung der Wissenschaften |
| Mo Conserv | Missouri Conservationist |
| Mol Gen Genet | Molecular and General Genetics (MGG) |
| Monatsschr Ornithol Vivarienkunde Aug B Aquarien Terrarien | Aquarien Terrarien. Monatsschrift für Ornithologie und Vivarienkunde |
| Monit Zool Ital | Monitore Zoologico Italiano. Italian Journal of Zoology |
| Monkey | Monkii (Japan) |
| Monogr Parazytol | Monografie Parazytologiczne |
| Montes | Montes (Madrid) |
| Mora Ferenc Muz Evkonyve | A Mora Ferenc Muzeum Evkonyve |
| Mosquito News | Mosquito News |
| Mus Civico Storia Natur Trieste Atti | Museo Civico di Storia Naturale de Trieste Atti |
| Mus Nat Hist Natur (Paris) Bull Ser 2 | Museum National d'Histoire Naturelle (Paris) Bulletin |
| Mus Nat Hist Natur (Paris) Mem Ser A Zool | Museum National d'Histoire Naturelle (Paris) Memoires |
| Mus Nat Hist Natur (Paris) Publ Diverses | Museum National d'Histoire Naturelle (Paris) Publications Diverses |
| Musee Geneve | Musees de Geneve |
| Mutat Res | Mutation Research |
| Muz Județean Bacau Sect Stiintele Natur Stud Comun (Bacau) | Muzeul Județean Bacau Sectia Stiintele Naturii Studii si Comunicari |
| N Amer Wildlife Natur Resour Conf Trans | Transactions of the North American Wildlife and Natural Resources Conference |
| N Dak Outdoors | North Dakota Outdoors |
| N J Acad Sci Bull | The Bulletin. New Jersey Academy of Science |
| N J Outdoors | New Jersey Outdoors |
| n + m (Naturwiss Med) | n + m (Naturwissenschaft und Medizin) |
| N Y Fish Game J | New York Fish and Game Journal |
| N Y State Coll Agr Cornell Ext Bull | New York State College of Agriculture. Cornell Extension Bulletin |
| N Y State Mus Sci Serv Bull | New York State Museum and Science Service Bulletin Supplement |
| N Z Archaeol Ass Newslett | New Zealand Archaeological Association Newsletter |
| N Z Mar Dep Fish Res Bull (NS) | New Zealand Marine Department. Fisheries Research Bulletin (New Series) |
| N Z Mar Dep Fish Tech Rep | New Zealand Marine Department Fisheries Technical Report |
| N Z J Mar Freshwater Res | New Zealand Journal of Marine and Freshwater Research |
| N Z Sci Rev | New Zealand Science Review |
| Nat Acad Sci India Annu Number | National Academy of Sciences India Annual Number |
| Nat Cancer Inst Monogr | National Cancer Institute Monograph |
| Nat Geogr Mag | National Geographic (Washington, D.C.) |
| Nat Geogr Soc Res Rep | National Geographic Society Research Reports |
| Nat Mus Can Bull | National Museum of Canada Bulletin |
| Nat Mus Can Natur Hist Pap | National Museum of Canada Natural History Papers |
| Nat Parks Mag | National Parks Magazine |
| Nat Speleol Soc News | NSS News. National Speleological Society |
| Nat Wildlife | National Wildlife |
| Natur Belg Bull Mens | Les Naturalistes Belges |
| Natur Can | Le Naturaliste Canadien. Biologie Aquatique |
| Natur Hist | Natural History (New York) |

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| Natur Mus | Natur und Museum |
| Natur Sci Mus (Tokyo) | Natural Science and Museums |
| Natur Verden | Naturens Verden |
| Natura (Bucuresti) | Natura (Bucuresti) |
| Natura (Eindhoven) | Natura (Eindhoven) |
| Natura (Milano) | Natura (Milano) |
| Natturufraedingurinn | Natturufraedingurinn (Iceland) |
| Naturalist (Leeds) | Naturalist |
| Nature (London) | Nature |
| Naturen | Naturen |
| Naturhist Mus Wien Ann | Naturhistorisches Museum in Wien. Annalen |
| Naturwissenschaften | Die Naturwissenschaften |
| Naturwiss Rundsch | Naturwissenschaftliche Rundschau |
| Nauki Matemat Przyr Zesz Nauk Univ Lodzkiego Ser 2 | Nauki Matematyczno Przyrodnicze Zeszyty Naukowe Uniwersytetu Lodzkiego Seria II |
| Naval Res Rev | Naval Research Reviews (Washington, D.C.) |
| Neotropica (La Plata) | Neotropica |
| Neth J Sea Res | Netherlands Journal of Sea Research |
| Neth J Zool | Netherlands Journal of Zoology (formerly, Archives Neerlandaises de Zoologie) |
| Neuroendocrinology | Neuroendocrinology |
| Neurosci Transl | Neuroscience Translations |
| New Sci | New Scientist |
| New York | New York |
| News Bull Zool Soc S Afr | The Zoological Society of Southern Africa News Bulletin |
| Norsk Geol Tidsskr | Norsk Geologisk Tidsskrift |
| Norsk Hvalfangst-tid | Norsk Hvalfangst-Tidende (The Norwegian Whaling Gazette) |
| Northwest Sci | Northwest Science |
| Notas Cent Biol Aquat Trop Lisboa | Notas do Centro de Biologia Aquatica Tropical. Lisboa |
| Notic Mensual Mus Nac Hist Natur | Noticiario Mensual Museo Nacional de Historia Natural |
| Noto Mar Lab Annu Rep | Annual Report of the Noto Marine Laboratory |
| Notulae Natur (Philadelphia) | Notulae Naturae (Philadelphia) |
| Nytt Mag Zool (Oslo) | Nytt Magasin for Zoologi |
| Occas Pap Bernice P Bishop Mus | Occasional Papers of Bernice P. Bishop Museum |
| Occas Pap Calif Acad Sci | Occasional Papers of the California Academy of Sciences |
| Occas Pap Dep Ichthyol Rhodes Univ | Occasional paper. Department of Ichthyology, Rhodes University |
| Occas Pap Mus Zool Univ Mich | Occasional Papers of the Museum of Zoology, University of Michigan |
| Oceanogr Mar Biol Ann Rev | Oceanography and Marine Biology. An Annual Review |
| Oceans (La Jolla) | Oceans |
| Oceanus | Oceanus (Woods Hole, Massachusetts) |
| Ochr Przyr | Ochrona Przyrody |
| Ocotirea Natur (Bucharest) | Ocotirea Naturii |
| Oecologia (Berlin) | Oecologia |
| Ohio J Sci | The Ohio Journal of Science |
| Oikos | Oikos. Acta Oecologica Scandinavica |
| Okajimas Folia Anat Jap | Okajimas Folia Anatomica Japonica |
| Okeanologiya | Okeanologiya |
| Ont Field Biol | The Ontario Field Biologist |
| Ont Natur | The Ontario Naturalist |
| Opuscula Zool (Budapest) | Opuscula Zoologica. Instituti Zoosystematici Universitatis Budapestinensis |
| Opuscula Zool (Munich) | Opuscula Zoologica. Herausgegeben von der Zoologischen Staatssammlung in Munchen |
| Ore Bin (Portland) | Ore Bin |
| Oryx | Oryx. Journal of the Fauna Preservation Society |
| Osterreich Akad Wiss Math-Naturwiss Kl Denkschrift (Wien) | Osterreichische Akademie der Wissenschaften Mathematisch-Naturwissenschaftliche Klasse Denkschriften |
| Outdoor Calif | Outdoor California |

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| Outdoor Okla | Outdoor Oklahoma |
| Outdoor World | Outdoor World |
| Pa Game News | Pennsylvania Game News |
| Pac Discovery | Pacific Discovery |
| Pac Mar Fish Comm Bull | Pacific Marine Fisheries Commission Bulletin |
| Pac Sci | Pacific Science |
| Pakistan J Biol Agr Sci | Pakistan Journal of Biological and Agricultural Sciences |
| Pakistan J Sci | Pakistan Journal of Science |
| Palaeogeography Palaeoclimatology Palaeoecology | Palaeogeography Palaeoclimatology Palaeoecology |
| Palaeontogr Abt A | Palaeontographica Abteilung A. |
| Palaeozool-Stratigr | Palaeozoologie-Stratigraphie |
| Palaeontogr Ital | Palaeontographia Italica |
| Palaeontogr Soc (Monogr) | Palaeontographical Society Monographs |
| Palaeontology | Palaeontology |
| Palaontol Abh Abt A | Palaeontologische Abhandlungen. Abteilung A, Palaeozoologie |
| Palaontol Z | Palaeontologische Zeitschrift |
| Palaeontol Africana | Palaeontologia Africana |
| Paleontol J Transl Paleontol Zh | Paleontological Journal. A Translation of Paleontologicheskii Zhurnal |
| Paleontol Mex | Paleontologia Mexicana |
| Papeis Avulsos Dep Zool Sao Paulo | Papeis Avulsos do Departamento de Zoologia Sao Paulo |
| Pap Proc Roy Soc Tasmania | Papers and Proceedings of the Royal Society of Tasmania |
| Parasitology | Parasitology |
| Peabody Mus Natur Hist Yale Univ Bull | Peabody Museum of Natural History, Yale University Bulletin |
| Peche Mar | La Peche Maritime |
| Pelagos | Pelagos, Bulletin de l'Institut Oceanographique d'Alger |
| Petfish Monthly | PetFish Monthly (London) |
| Pflugers Arch Eur J Physiol | Pflugers Archiv. European Journal of Physiology. (formerly, Pfluegers Archiv fur die Gesamte Physiologie des Menschen und der Tiere) |
| Pfluegers Arch Gesamte Physiol Menschen Tiere | Pflugers Archiv fur die Gesamte Physiologie des Menschen und der Tiere (renamed, 1968, Pflugers Archiv. European Journal of Physiology) |
| Pharmacol Rev | Pharmacological Review |
| Phil Trans Roy Soc London Ser B Biol Sci | Philosophical Transactions of the Royal Society of London. Series B Biological Sciences |
| Philippine J Fish | The Philippine Journal of Fisheries |
| Philippine J Sci | The Philippine Journal of Science |
| Physiol Behav | Physiology and Behavior |
| Physiol Ecol | Physiology and Ecology (Seiri Seitai) |
| Physiol Rev | Physiological Reviews |
| Physiol Zool | Physiological Zoology |
| Physis Rev Assoc Argent Cienc Natur | Physis. Revista de la Asociacion argentina de Ciencias Naturales |
| The Plaster Jacket (Gainesville) | The Plaster Jacket |
| Pol Arch Hydrobiol | Polskie Archiwum Hydrobiologii |
| Postilla (Yale Peabody Museum) | Postilla. Yale Peabody Museum |
| Poznaj Swiat | Poznaj Swiat |
| Praeparator | Der Praeparator |
| Priroda (Moskva) | Priroda |
| Priroda (Sofia) | Priroda |
| Probl Ichthyol Transl Vop Ikhtioid | Problems of Ichthyology (Translation of Voprosy Ikhtiologii) |
| Probl North, Transl Problemy Severa | Problems of the North. A Translation of Problemy Severa. Akademiia Nauk SSSR |
| Problemy Severa | Problemy Severa |
| Proc Acad Natur Sci Philadelphia | Proceedings of the Academy of Natural Sciences of Philadelphia |
| Proc Arkansas Acad Sci | Arkansas Academy of Science Proceedings |

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| Proc Biol Soc Wash | Proceedings of the Biological Society of Washington |
| Proc Calif Acad Sci | Proceedings of the California Academy of Sciences |
| Proc Challenger Soc | Proceedings of the Challenger Society |
| Proc Conf Great Lakes Res Int Ass | Proceedings Conference on Great Lakes Research |
| Great Lakes Res | International Association for Great Lakes Research |
| Proc Dorset Natur Hist Archaeol Soc | Proceedings of the Dorset Natural History and Archaeological Society |
| Proc Geol Soc London | Proceedings of the Geological Society of London |
| Proc Gulf Caribbean Fish Inst | Proceedings of the Gulf and Caribbean Fisheries Institute |
| Proc Helminthol Soc Wash | Proceedings of the Helminthological Society of Washington |
| Proc Indian Acad Sci Sect B | Proceedings of the Indian Academy of Sciences |
| Proc Indiana Acad Sci | Proceedings of the Indiana Academy of Science |
| Proc Int Congr Anthropol Ethnol Sci | Proceedings of the International Congress of Anthropological and Ethnological Sciences |
| Proc Int Congr Genet (Tokyo) | Proceedings of the International Congress of Genetics (Tokyo) |
| Proc Iowa Acad Sci | Proceedings of the Iowa Academy of Science |
| Proc Israel Acad Sci Hum Sci Sect | Proceedings of the Israel Academy of Sciences and Humanities. Section of Sciences |
| Proc Jap Acad | Proceedings of the Japan Academy |
| Proc La Acad Sci | The Proceedings of the Louisiana Academy of Sciences |
| Proc Linnean Soc London | Proceedings of the Linnean Society of London (renamed, 1969, Biological Journal of the Linnean Society) |
| Proc Linnean Soc N S W | Proceedings of the Linnean Society of New South Wales |
| Proc Mont Acad Sci | Proceedings of the Montana Academy of Sciences |
| Proc N Z Ecol Soc | New Zealand Ecological Society Proceedings |
| Proc Nat Acad Sci India Sect B Biol Sci | Proceedings of the National Academy of Sciences, India. Section B (Biological Sciences) |
| Proc Nat Acad Sci U S A | Proceedings of the National Academy of Sciences of the United States of America |
| Proc Nat Inst Sci India Part B Biol Sci | Proceedings of the National Institute of Sciences of India. Part B Biological Sciences |
| Proc Nat Shellfish Ass | Proceedings of the National Shellfisheries Association |
| Proc Nebr Acad Sci Affiliated Soc | Proceedings of the Annual Meetings of the Nebraska Academy of Sciences and Affiliated Societies |
| Proc Okla Acad Sci | Proceedings of the Oklahoma Academy of Science |
| Proc Pa Acad Sci | Proceedings of the Pennsylvania Academy of Science |
| Proc Roy Inst Great Britain | Proceedings of the Royal Institution of Great Britain |
| Proc Roy Irish Acad Sect B Biol Geol Chem Sci | Proceedings of the Royal Irish Academy. Section B Biological, Geological, and Chemical Science |
| Proc Roy Soc Arts Sci Mauritius | Proceedings of the Royal Society of Arts and Sciences of Mauritius |
| Proc Roy Soc Edinburgh Sect B Biol | Proceedings of the Royal Society of Edinburgh Section B (Biology) |
| Proc Roy Soc Queensland | Proceedings of the Royal Society of Queensland |
| Proc Roy Soc Ser B Biol Sci | Proceedings of the Royal Society. Series B Biological Sciences (London) |
| Proc Roy Soc Victoria | Proceedings of the Royal Society of Victoria |
| Proc Roy Soc N S W | Proceedings of the Royal Society of New South Wales |
| Proc Soc Exp Biol Med | Proceedings of the Society for Experimental Biology and Medicine |
| Proc Symp Recent Advan Trop Ecol | Proceedings of the Symposium on Recent Advances in Tropical Ecology |
| Proc Trans Rhodesia Sci Ass | Proceedings and Transactions of the Rhodesia Scientific Association |
| Proc U S Nat Mus | Proceedings of the United States National Museum |
| Proc Utah Acad Sci Arts Lett | Proceedings of the Utah Academy of Sciences, Arts, and Letters |
| Proc West Pharmacol Soc | Proceedings of the Western Pharmacology Society |
| Proc Zool Soc (Calcutta) | Proceedings of the Zoological Society (Calcutta) |
| Progr Fish-Cult | The Progressive Fish-Culturist |
| Protistologica | Protistologica |
| Przegl Zool | Przegląd Zoologiczny |

Psychol Belg
 Psychol Bull
 Psychol Rep
 Psychonomic Sci
 Pub Lancs Ches Fauna Soc
 Pubbl Sta Zool Napoli
 Publ Amakusa Mar Biol Lab

 Publ Gulf Coast Res Lab Mus (Ocean Springs, Miss)
 Publ Inst Zool Augusto Nobre (Porto)

 Publ Seto Mar Biol Lab

 Publicaties Natuurhist Genootschap Limburg
 Pulp Pap Mag Can

 Quart J Fla Acad Sci
 Quart J Taiwan Mus Taipeh
 Quart Rev Biol
 Queensland Dep Harbour Mar Fish Note

 Queensland Natur

 Radiat Res
 Rapp Proces-Verbaux Reunions Comm Int Explor Sci Mer Medit

 Rapp Proces-Verbaux Reunions Cons Perma Int Explor Mer
 Razprave (Dissertationes) Slov Akad Znanosti Umet Cl 4

 Rec Auckland Inst Mus
 Rec Canterbury Mus
 Rec Dominion Mus Wellington
 Rec Oceanogr Works Jap
 Rec Queen Victoria Mus Launceston

 Rec S Aust Mus Adelaide
 Rec Zool Surv India
 Rech Hydrobiol Continentale Marseille Bull
 Rec Trav Sta Mar Endoume Fac Sci Marseille Bull
 Ref Zh Biol
 Rend Seminar Fac Sci Univ Cagliari

 Rep Fac Fish Prefect Univ Mie

 Rep Inst Freshwater Res Drottningholm
 Rep Int Pac Halibut Comm
 Rep Mar Biol Sta Pt Erin

 Rep Oceanogr Invest Fish Agency

 Rep Reelfoot Lake Biol Sta Tenn Acad Sci
 Rep U S A Mar Biol Sta, Kochi Univ

 Res Bull Panjab Univ Sci
 Res Bull State Fish N S W
 Res Fish Fish Res Inst Univ Wash Contrib

Psychologica Belgica (Louvain)
 Psychological Bulletin
 Psychological Reports
 Psychonomic Science
 Publication Lancashire and Cheshire Fauna Society
 Pubblicazioni della Stazione Zoologica di Napoli
 Publications from the Amakusa Marine Biological Laboratory
 Publications of the Gulf Coast Research Laboratory Museum
 Publicacoes do Instituto de Zoologia Dr. Augusto Nobre
 Publications of the Seto Marine Biological Laboratory (Kyoto Daigaku Rigakubu Lab.)
 Publicaties van het Natuurhistorisch Genootschap in Limburg
 Pulp and Paper Magazine of Canada

 Quarterly Journal of the Florida Academy of Sciences
 Quarterly Journal of the Taiwan Museum
 The Quarterly Review of Biology
 Queensland Department of Harbours and Marine Fisheries Notes
 The Queensland Naturalist

 Radiation Research
 Rapports et Proces-Verbaux des Reunions. Commission Internationale pour l'Exploration Scientifique de la Mer Mediterranee
 Rapports et Proces-Verbaux des Reunions. Conseil Permanent Internationale pour l'Exploration de la Mer
 Razprave. Slovenska Akademija Znanosti in Umetnosti Academia Scientiarum et Artium Slovenica. Classis IV: Historia Naturalis et Medicina
 Records of the Auckland Institute and Museum
 Records of the Canterbury Museum
 Records of the Dominion Museum, Wellington
 Records of Oceanographic Works in Japan
 Records of the Queen Victoria Museum. Launceston, Australia
 Records of the South Australian Museum
 Records of the Zoological Survey of India
 Recherches d'Hydrobiologie Continentale d'Endoume Faculte des Sciences de Marseille. Bulletin
 Recueil des Travaux de la Station Marine d'Endoume Faculte des Sciences de Marseille. Bulletin
 Referativnyi Zhurnal Biologiya
 Rendiconti del Seminario della Facolta di Scienze dell'Universita di Cagliari
 Report of Faculty of Fisheries Prefectural University of Mie
 Report Institute of Freshwater Research. Drottningholm
 Report of the International Pacific Halibut Commission
 Report of the Marine Biological Station of the University of Liverpool at Port Erin
 Report, Oceanographical Investigation, Fisheries Agency (Tokyo)
 Report of the Reelfoot Lake Biological Station of the Tennessee Academy of Science
 Reports of the USA Marine Biological Station, Kochi University
 Research Bulletin of the Panjab University. Science
 Research Bulletin State Fisheries New South Wales
 Research in Fisheries. Fisheries Research Institute, University of Washington Contribution

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| Res News Office Res Admin Univ Mich | Research News. Office of Research Administration, The University of Michigan (Ann Arbor) |
| Res Pop Ecol | Researches on Population Ecology |
| Resp Physiol | Respiration Physiology |
| Rev Biol Trop | Revista de Biologia Tropical |
| Rev Brasil Biol | Revista Brasileira de Biologia |
| Rev Fac Med Vet Univ Sao Paulo | Revista da Faculdade de Medicina Veterinaria. Universidade de Sao Paulo. Brasil |
| Rev Can Biol | Revue Canadienne de Biologie |
| Rev Comporte Anim | Revue de Comportement Animal |
| Rev Iber Parasitol | Revista Iberica de Parasitologia |
| Rev Int Oceanogr Med | Revue Internationale d'Océanographie Médicale |
| Rev Int Oceanogr Med (Suppl) | Revue Internationale d'Océanographie Médicale. Supplement |
| Rev Roum Biol Ser Zool | Revue Roumaine de Biologie Serie de Zoologie |
| Rev Roum Endocrinol | Revue Roumaine d'Endocrinologie |
| Rev Trav Inst Peches Marit | Revue des Travaux de l'Institut des Pêches Maritimes |
| Rev Zool Bot Afr | Revue de Zoologie et de Botanique Africaines |
| Rhizocrinus Occas Pap Zool Mus Univ Oslo | Rhizocrinus Occasional Papers. Zoological Museum, University of Oslo |
| Rit Fiskideildar | Rit Fiskideildar |
| Riv Biol (Perugia) | Rivista di Biologia |
| Riv Idrobiol | Rivista di Idrobiologia |
| Riv Ital Piscicolt Ittiopatol | Rivista Italiana di Piscicoltura e Ittiopatologia (Treviso) |
| Riv Parassitol | Rivista di Parassitologia |
| Rocz Pol Tow Geol | Rocznik Polskiego Towarzystwa Geologicznego |
| Rotunda (Toronto) | Rotunda. Bulletin of the Royal Ontario Museum |
| Roy Ont Mus Life Sci Misc Publ | Royal Ontario Museum Life Sciences. Miscellaneous Publications |
| S Afr Ass Mar Biol Res Invest Rep | South African Association for Marine Biological Research Investigational Report |
| S Afr Ass Mar Biol Res Bull | South African Association for Marine Biological Research Bulletin |
| S Afr J Sci | South African Journal of Science |
| S Afr Mus Ann | South African Museum Annals |
| S Dak Conserv Digest | South Dakota Conservation Digest |
| S Calif Acad Sci Bull | Southern California Academy of Sciences Bulletin |
| S W Africa Mar Res Lab Invest Rep | South West Africa Marine Research Laboratory Investigational Report |
| Salmon Net | The Salmon Net |
| Samab | Samab |
| Sarsia | Sarsia |
| Sb Nat Mus Praz | Sbornik Narodniho Muzea v Praze |
| Sci Amer | Scientific American |
| Sci Cult | Science and Culture |
| Sci Nature (Paris) | Science et Nature |
| Sci Progr Nature (Paris) | Science Progres. La Nature |
| Sci Rep Hokkaido Fish Hatchery | Scientific Reports of the Hokkaido Fish Hatchery |
| Sci Rep Hokkaido Salmon Hatchery | Scientific Reports of the Hokkaido Salmon Hatchery |
| Sci Rep Niigata Univ Ser D Biol | Science Reports of Niigata University. Series D Biology |
| Sci Rep Saitama Univ Ser B | The Science Reports of Saitama University. Series B Biology and Earth Sciences |
| Sci Rep Tohoku Univ Ser IV Biol | The Science Reports of the Tohoku University. Fourth Series (Biology) |
| Science | Science (Washington, D.C.) |
| Sciences (Paris) | Sciences |
| Scot Dep Agr Fish Mar Res | Scotland Department of Agriculture and Fisheries. Marine Research |
| Scot Dep Agr Fish Rep | Scotland Department of Agriculture and Fisheries Report |
| Scot Mar Biol Ass Annu Rep | Scottish Marine Biological Association Annual Report |

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| Sea Fish Res Sta Haifa Bull | Sea Fisheries Research Station Haifa Bulletin |
| Sea Frontiers | Sea Frontiers. Magazine of the International Oceanographic Foundation |
| Senckenbergiana Biol | Senckenbergiana Biologica |
| Senckenbergiana Lethaea | Senckenbergiana Lethaea |
| Shizen | Shizen (Japan) |
| Sieboldia Acta Biol | Sieboldia. Acta Biologica |
| Skr Utgitt Norske Vidensk-Akad Oslo | Skrifter Utgitt av det Norske Videnskaps-Akademi i Oslo. Mat-Naturvidensk Klasse |
| Mat-Naturvidensk Kl N S | |
| Smithson Contrib Zool | Smithsonian Contributions to Zoology |
| Smithson Inst Bull | Smithsonian Institution Bulletin |
| Smithson Misc Collect | Smithsonian Miscellaneous Collections |
| Soc Cienc Natur La Salle Mem | Sociedad de Ciencias Naturales La Salle. Memorias |
| Soc Sci Bretagne Bull | Societe Scientifique de Bretagne Bulletin |
| Soc Stiinte Biol Romania Comun Zool | Societatea de Stiinte Biologice din Republica Socialista Romania. Comunicari de Zoologie |
| | The Southwestern Naturalist |
| Southwest Natur | |
| Spec Publ Dep Ichthyol Rhodes Univ | Special Publication Department of Ichthyology, Rhodes University (renamed, 1969, Special Publication J.L.B. Smith Institute of Ichthyology) |
| | Special Publication J.L.B. Smith Institute of Ichthyology (formerly, Special Publication Department of Ichthyology, Rhodes University) |
| Spec Publ J L B Smith Inst Ichthyol | |
| | Special Publications from the Seto Marine Biological Laboratory. Series II |
| Spec Publ Seto Mar Biol Lab Ser II | |
| Spisy Prirodoved Fak Univ J E Purkyne Brne | Spisy Prirodovedecké Fakulty University J E Purkyne v Brne |
| | Sports Afield |
| Sports Afield | |
| Stain Technol | Stain Technology |
| Stud Cercet Biol Ser Zool | Studii si Cercetari de Biologie. Seria Zoologie |
| Studi Sassaresi | Studi Sassaresi |
| Stud Univ Babes-Bolyai Ser Biol | Studia Universitatis Babes-Bolyai. Series Biologia |
| Sudan Notes Rec | Sudan Notes and Records |
| Suffolk Natur Hist | Suffolk Natural History |
| Surveyor (New York) | Surveyor |
| Syesis | Syesis |
| Syst Zool | Systematic Zoology |
| | The Taiwan Fisheries Research Institute. Laboratory of Fishery Biology Report |
| Taiwan Fish Res Inst Lab Fish Biol Rep | |
| Taiwan Fish Res Inst Fish Cult Rep | Taiwan Fisheries Research Institute. Fish Culture Report |
| Taiwan Inst Fish Biol Nat Taiwan Univ | Taiwan Institute of Fishery Biology, National Taiwan University |
| | Tane. The Journal of the Auckland University Field Club |
| Tane J Auckland Univ Field Club | |
| Tech Bull Wis Dep Natur Resour | Technical Bulletin Department of Natural Resources (Wisconsin) |
| | Technical Report: Navtravedcen (Washington, D.C.) |
| Tech Rep Navtravedcen | |
| Tenn Conserv | The Tennessee Conservationist |
| Terre Vie | La Terre et la Vie. Revue d'Ecologie Appliquee |
| Tex J Sci | Texas Journal of Science |
| Texas Parks Wildlife | Texas Parks and Wildlife |
| Tex Rep Biol Med | Texas Reports on Biology and Medicine |
| Thailand Dep Fish Contrib | Thailand Department of Fisheries Contribution |
| Thalassia Jugoslav | Thalassia Jugoslavica |
| Theor Appl Genet | Theoretical and Applied Genetics |
| Tissue Cell | Tissue and Cell |
| Tohoku J Agr Res | The Tohoku Journal of Agricultural Research |
| Toxicon | Toxicon |
| Tr Akad Nauk Litov SSR Ser C | Trudy Akademii Nauk Litovskoi SSR |
| Tr Akad Nauk SSSR Inst Biol Vnutr Vod | Trudy Akademii Nauk SSSR Institut Biologii Vnutrennikh Vod |
| | Trudy Instituta Ekologii Rastenii Zhivotnykh Akademii Nauk SSSR Ural'skii Filial |
| Tr Inst Ekol Rast Zhivot Akad Nauk SSSR Ural Filial | |

Tr Mosk Obshest Ispyt Prir
Tr Zool Inst Akad Nauk SSSR

Trans Amer Fish Soc
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Trans San Diego Soc Natur Hist
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Transl Ser Va Inst Mar Sci
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U Calif Irvine Mus Syst Biol Res Ser

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U S Bur Sport Fish Wildlife Invest
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U S Fish Wildlife Serv Circ

U S Fish Wildlife Serv Fish Bull

U S Fish Wildlife Serv Fish Dis Leaflet

U S Fish Wildlife Serv Fish Leaflet
U S Fish Wildlife Serv Res Rep

U S Fish Wildlife Serv Resour Publ

U S Fish Wildlife Serv Spec Sci Rep Fish

U S Fish Wildlife Serv Spec Sci Rep
Wildlife

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U S Nat Mus Bull

Uganda J
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Trudy Moskovsko Obshestva Ispytatelei Prirody
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Transactions of the American Fisheries Society
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Trans-Antarctic Expedition 1955–1958 Scientific
Reports. Geology

Transactions Connecticut Academy of Arts and Sciences
Transactions Gulf Coast Association of Geological Societies
Transactions of the Historical Society of Ghana
Transactions of the Illinois State Academy of Science
Transactions of the Kansas Academy of Science
Transactions of the Kentucky Academy of Science
Transactions of the New York Academy of Sciences
Transactions and Proceedings of the Palaeontological
Society of Japan

Transactions of the Royal Society of Edinburgh
Transactions of the Royal Society of New Zealand. Zoology
Transactions of the Royal Society of South Africa
Transactions of the Royal Society of South Australia
Transactions of the San Diego Society of Natural History
Transactions of the Wisconsin Academy of Sciences,
Arts and Letters

Translation Series. Virginia Institute of Marine Science
Travaux du Museum d'Histoire Naturelle "Grigore Antipa"
Travaux sur les Pecheries du Quebec

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Turtos News
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Tzitologia i Genetika

University of California at Irvine, Museum of
Systematic Biology, Research Series

UNESCO Technical Papers in Marine Science
United States Bureau of Sport Fisheries and
Wildlife. Investigations in Fish Control

United States Department of the Interior Fish
and Wildlife Service, Bureau of Commercial Fisheries
Circular

United States Fish and Wildlife Service Fishery
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United States Fish and Wildlife Service Fish
Disease Leaflet

United States Fish and Wildlife Service Fishery Leaflet
United States Department of the Interior, Fish and
Wildlife Service, Bureau of Sport Fisheries and Wildlife,
Research Report

United States Department of the Interior,
Fish and Wildlife Service, Bureau of Sport Fisheries
and Wildlife, Resource Publication

United States Fish and Wildlife Service Special Scientific
Report Fisheries

United States Fish and Wildlife Service
Special Scientific Report Wildlife

United States Fish and Wildlife Service Technical Papers
United States National Museum Bulletin

Uganda Journal. The Journal of the Uganda Society
Uitgaven "Natuurwetenschappelijke Studiekering voor
Suriname en de Nederlandse Antillen." (Studies on
the Fauna of Curacao and Other Caribbean Islands)

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|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Umsch Wiss Tec | Umschau in Wissenschaft und Technik |
| Undersea Biol | Undersea Biology |
| Undersea Technol | Undersea Technology |
| Underwater Ass Rep | Underwater Association Report |
| Underwater Natur | Underwater Naturalist. Bulletin of the American Littoral Society |
| Univ Ceara Estac Biol Mar Arq | Universidade do Ceara Estacao de Biologia Marinha. Arquivos |
| Univ Dakar Fac Sci Ann | Universite de Dakar, Faculte des Sciences, Annales |
| Univ Kans Sci Bull | University of Kansas Science Bulletin |
| Univ Wash Publ Fish N S | University of Washington Publications in Fisheries. New Series |
| Universitas (Stuttgart) | Universitas |
| Universum (Austria) | Universum. Monatszeitschrift fur Natur, Technik und Wirtschaft |
| Uzb Biol Zh | Uzbeksii Biologicheskii Zhurnal |
| Va Inst Mar Sci Spec Sci Rep | Virginia Institute of Marine Science Special Scientific Report |
| Va J Sci | Virginia Journal of Science |
| Va Wildlife | Virginia Wildlife |
| Vakbl Biol | Vakblad voor Biologen |
| Veroeff Abt Slavische Sprachen Litt Freien Univ Berlin (Harrassowitz, Wiesbaden) | Veroffentlichungen der Abteilung fur Slavische Sprachen und Literaturen des Osteuropa-Instituts (Slavisches Seminar) an der Freien Universitat Berlin |
| Veroeff Bezirksheimatmus (Potsdam) | Veroffentlichungen des Bezirksheimatmuseums Potsdam. Beitrage zur Tierwelt der Mark |
| Vertebrata Hung | Vertebrata Hungarica. Musei Historico-Naturalis Hungarici |
| Vesmir | Vesmir (Czechoslovakia) |
| Vesn Kiivs'kogo Univ Ser Biol | Vesnik Kiivs'kogo Universitetu Seria Biologiji |
| Vestn Akad Nauk Kaz SSR | Vestnik Akademii Nauk Kazahskoi SSR |
| Vestn Akad Nauk SSR | Vestnik Akademii Nauk SSR |
| Vestn Cesk Spolecnosti Zool | Vestnik Ceskoslovenske Spolecnosti Zoologicke |
| Vestn Leningrad Univ Ser Biol | Vestnik Leningradskogo Universiteta. Biology |
| Vestn Mosk Univ Ser VI Biol Pochvoved | Vestnik Moskovskogo Universiteta. Seriya VI Biologiya Pochvovedenie |
| Vestn Mosk Univ Ser 5 Geogr | Vestnik Moskovskogo Universiteta. Seriya V Geografiya |
| Vestn Zool | Vestnik Zoologii |
| Vestsi Akad Navuk Byelarus SSR Bialagichnykh Navuk | Vestsi Akademii Navuk Byelaruskai SSR. Seryya Bialagichnykh Navuk |
| Victoria's Resour | Victoria's Resources |
| Victorian Natur | The Victorian Naturalist |
| Vidensk Medd Naturhist Foren Kjobenhavn | Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening i Kjobenhavn |
| Vie Milieu Ser A | Vie et Milieu |
| Vierteljahresschr Naturforsch Ges Zurich | Vierteljahresschrift der Naturforschenden Gesellschaft in Zurich |
| Vision Res | Vision Research |
| Visnik Kiev Univ Ser Biol | Visnik Kievskogo Universitet. Seria Biologii |
| Vop Ikhtiol | Voprosy Ikhtiologii |
| Ward's Bull | Ward's Bulletin (Rochester, New York) |
| Wash Dep Fish Annu Rep | Washington State Department of Fisheries Annual Reports |
| Wash Dep Fish Res Bull | Fisheries Research Papers. Washington Department of Fisheries |
| Wasmann J Biol | The Wasmann Journal of Biology |
| Water Res | Water Research |
| Wildlife N C | Wildlife in North Carolina |
| Wildlife Rev | Wildlife Review (Vancouver) |
| Wildlife Rev | Wildlife Review (Washington, D.C.) |
| Wilhelm Roux' Arch Entwicklungsmech Organismen | Wilhelm Roux' Archiv fuer Entwicklungsmechanik der Organismen |

Wis Conserv Bull
 Wis Dep Natur Resour Tech Bull

 World Wildlife Illus
 Wyo Wildlife

 Yale J Biol Med
 Yale Sci Mag
 Yale Univ Peabody Mus Natur Hist Bull

 Z Angew Zool
 Z Fischerei N S

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 Z Morphol Tiere
 Z Naturforsch
 Z Parasitenk
 Z Tierpsychol
 Z Tropenmed Parasitol
 Z Vergl Physiol
 Z Wiss Zool
 Z Zellforsch

 Z Zool Syst Evolutionsforsch

 Zb Pr Zool M uz Akad Nauk Ukr SSR

 Zbornik Slov Nar Muz
 Zb Vychod Muz Ser B

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 Zool Afr
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 Zool Anz Suppl
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 Zool Jahrb Abt Allg Zool Physiol Tiere

 Zool Jahrb Abt Anat Ontog Tiere

 Zool Jahrb Abt Syst Oekol Geogr Tiere

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 Zeitschrift fur Naturforschung
 Zeitschrift fur Parasitenkunde
 Zeitschrift fur Tierpsychologie
 Zeitschrift fur Tropenmedizin und Parasitologie
 Zeitschrift fur Vergleichende Physiologie
 Zeitschrift fuer Wissenschaftliche Zoologie
 Zeitschrift fur Zellforschung und Mikroskopische
 Anatomie
 Zeitschrift fuer Zoologische Systematik und
 Evolutionsforschung
 Zbirnyk Prats' Zoologichnoho Museyu, Akademii
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 Zoologie und Physiologie der Tiere
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 of Wellington
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| Grosslein to Hansa | Grosslein, Marvin D. Grossner, Dietrich Grove, D. J. Grover, S. P. Groves, Alan B. Groves, M. Grubisic, Fabjan Gruchy, C. G. Guallart, Jose Maria Guarnieri, Patrizio Gueguen, Jacques Guerra, Levi Guevara Pozo, D. Guglielmone, Renzo Guillen, Oscar Gulidov, M. V. Gulland, J. A. Gullestad, Nils Gunnerod, Tor Gunning, Gerald E. Gupta, M. Vijaya Gupta, Narendra Kumar Gupta, O. P. Gupta, S. P. Gusev, G. P. Gustafson, Karl-Jakob Guthertz, Elmer J. Guthrie, Thomas F. Gutierrez-Calderon, Enrique Gutierrez, Manuel Gutmann, Wolfgang Friedrich Gyrurko, St. Haas, George Haburay, Keitz Hackney, Peter A. Hadley, Mac E. Haedrich, Richard L. | 808940 804691 805731 807064 803725 803726 806391 806392 807469 807818 808087 808088 808194 808195 807437 804232 805926 805927 806279 806367 807248 807249 806838 804858 806666 806278 808164 805894 807758 807127 808389 809056 803992 807378 803768 807808 804463 806715 806925 805953 806717 806718 806719 806927 806928 806930 807406 804604 806404 807699 806253 806254 807596 803552 808414 805901 805904 804087 804586 804716 805207 805720 804077 805342 805344 808442 808460 804886 804379 804165 808640 803639 803878 804194 804733 805212 806661 | Haefner, Paul A., Jr. Haegele, C. W. Haen, P. J. Hafeez, M. A. Haga, Hideo Haga, Yoshiko Hagen, Heinrich-Otto v Hagenmaier, Hans Ernst Hahn, William E. Haider, Gerhard Haider, S. Haines, Terry A. Haldar, D. P. Halder, D. D. Hale, John G. Hall, Darrell D. Hall, Gordon E. Hall, James R. Hallenbeck, J. M. Halldiday, R. G. Halsey, T. G. Halstead, Bruce W. Halstead, L. Beverly Halver, John E. Halvorsen, Odd Hama, Kiyoshi Hama, Tadao Hamaguchi, Akira Hamai, Ikuro Hamajima, Fusanori Hamashima, K. Hamdy, A. R. Hamilton, James B. Hammel, H. T. Hamoir, G. Hamori, Gyula Hampton, Phillip Hamre, Johs Handwork, Warren Haneda, Yata Hanek, George Hanke, Wilfried Hansa, K. M. S. Ameer | 806775 806816 807584 808372 804774 805060 803750 805030 805442 805442 803698 803734 807476 807477 808254 808256 804810 807339 804616 806713 809007 807836 807850 803610 805840 806163 803547 806037 805562 803617 803868 804261 804534 807369 807517 808488 803993 804246 807216 803863 807940 806083 806192 806193 807344 807877 804960 804961 805119 803762 804026 804138 804738 805439 805445 804954 805564 804995 806356 806357 806247 808768 803968 809004 808170 806785 804675 808770 803940 804488 804752 804757 804760 804761 803652 806298 805584 |
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Knoll, Christa
Knosche, R.
Knox, D.

Knox, Kirvin
Knudsen, Harry
Ko, Ronald C.
Kobayashi, Akio
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Kobayashi, Masao
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Koch, Horst
Koehn, Richard K.

Koeman, J. H.
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Kogan, Z. M.
Kohler, A. C.

Kohn, Anna
Kohne, D. E.
Koike, Atsushi
Kojima, Ken-ichi
Kojima, Shumpei

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Kolar, Zvonimir
Koli, Lauri

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Kotthaus, Adolf
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Koura, Riad

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Kovaliova, A. A.

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Koylov, L. F.
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Kramer, B.
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Krcma, Richard F.
Krefft, G.
Kreps, E. M.
Kresja, Richard J.
Krichevskaya, A. A.
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Krishna Kartha, K. N.

Krishnamoorthy, R. V.

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Krishnayya, Ch. Gopala

Kritsky, Delane C.

Krogus, F. V.

Krokhin, Ye. M.
Kruger, F.
Kruyt, W.
Ktari, M. H.
Kuchnow, Karl P.

Kudinskii, O. Iu.
Kudo, Shigeharu

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Magid, A. M. Abdel
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Maity, Hari Sadhan
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Markert, John R.
Markevich, N. B.
Marking, Leif L.
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Marlier, Georges
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Pratt, Ivan
Precht, W.
Predel, Gunter

Prehn, Lillian M.

Premvati, G.

Prest, Janice E.

Prest, Kenneth W., Jr.
Price, Charles E.

Price, John W.
Priddy, Nancy
Priegel, Gordon R.

Prikhodko, T. I.
Prokhorov, V. G.
Prost, Maria
Protasov, V. R.

Provana, A.
Prowse, G. A.

Prudhoe, Stephen
Prussing, R.
Przasnyska, Maria
Pshenichnyy, B. P.
Pucar, Zvonimir
Pucher-Petkovic, Tereza
Puchtler, Holde
Pucilowska, Anna
Pugh, John R.

Punjamapirom, S.
Purdom, C. E.

Purko, J.
Purrott, R. J.
Purves, A. H.
Purzycka-Preis, Jadwiga
Pushayeva, T. J.
Putz, Robert E.

Pyle, A. Bruce

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Qayyum (Siddiqui), A.
Qayyum, A.
Quadri, S. U.
Quast, Jay C.

Quay, Wilbur B.

Quertermus, Carl J., Jr.
Quiguer, Jean-Paul
Quimby, M. C.

Quinet, G.-E.
Qureshi, M. A.
Rabe, Fred W.
Rachkus, J. A.
Rachlin, Joseph Wolfe
Radakov, D. V.

Radda, Alfred C.

Radek, Gunther
Radhakrishnan, N.

Radhakrishnan, S.

Radil-Weiss, T.
Rado, Gertrude
Radonski, Gilbert
Radstrom, Susanne
Radulescu, Ion

Radulescu, Martha
Rae, B. B.

Rae, James L.
Rafail, Samir Zaky

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Rahn, J.
Rai, P.

Raitt, D. F. S.

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- 545 Abdominal pores
 - Abducens nerve
- 536 Absence of stomach
- Abundance (See: Cycles of abundance, Distribution, Endangered species, Population changes, Seasonal abundance)
- Abyssal zone
- 591 Abyssopelagic zone
- 631 Acanthocephala
- 520 Accessory respiratory organs
 - Acclimation, short-term physiological adaptation (See under various environmental factors)
- Acellular bone
- 720 Acid pollutants
- 489 Acousticolateralis nerve
- Activity patterns (See also Circadian rhythms, Lunar rhythms, Selfregulation of activity, Sleep, Tidal rhythms)
- 669 rhythms)
- 738 Activity recording devices
 - Adaptation, long-term physiological and evolutionary (See: Evolutionary adaptation, as well as under factors of all kinds)
 - Adaptive evolution, analytical treatment of process (See also: Descriptive evolution)
- 585 Adaptive radiation
- Adenohypophysis (See also: Neurohypophysis, Sexually dimorphic pituitary)
- 505 dimorphic pituitary)
- 447 Adipose fin
- Adlibitum food capacity (See also: Selfregulation of food intake)
- 577 intake)
- 513 Adrenal cortex (See also: Sexually dimorphic adrenal)
- Adrenal medulla
- 514 Adrenaline
- 508 Adrenocorticotrophic hormone
- Aeration and circulation (See also: Aquarium water chemistry, Environment control devices)
- 738 chemistry, Environment control devices)
- 676 Aerial locomotion
- 520 Aerial respiration
- 673 Aestivation
- 747 Africa
- 741 Age and growth techniques
- Age at maturity (See also: Ovarian cycles, Testicular cycles)
- 566 cycles)
- Age class distribution (See also: Annual fish, Life span, Population structure)
- 663 Population structure)
- 571 Age length relationship (See also: Rate of growth)
- 572 Age weight relationship (See also: Rate of growth)
- 683 Aggregating behavior (See also under Group behavior)
- Aggressive behavior (See also: Attacks on man, Attacks on manmade objects)
- 681 on manmade objects)
- 682 Aggressive display (See also: Warning display)
- 544 Aglomerular kidney
 - Air bladder (See: Gas bladder)
 - Air breathing (See: Aerial respiration)
- 465 Albinism
- 514 Aldosterone
- 615 Algae (See also: Plankton, Seaweeds)
- 720 Alkalai pollutants
- Allergy producing (See also: Fish as food)
- 531 Allotrag reaction
- 511 Allometry (See also: Sexually dimorphic body form)
- 577 Amino acid requirements
 - Ammonia (See also: Aquarium water chemistry, Gill excretion, Nitrogen metabolism, Nitrogen transport, Urine)
- 613 Urine)
- 643 Amphibia
- 494 Ampullae of Lorenzini
- 494 Ampullary receptors
- 689 Anadromy (See also: Migrations)
- 446 Anal fin (See also: Gonopodium)
- Anal fin muscles
- 470 Anal fin skeleton
 - Anatomical preparation (See also: Age and growth techniques, Fossil fish techniques, Skeletal preparation)
- 705 Anchor worm infestation
- Anchovy (See: Engraulidae)
- 554 Androgens (See also: Sexual dimorphism)
- 739 Anesthetics
- Angelfish (See: Chaetodontidae)
- Angler (See: Lophiiformes)
- 736 Angling (See also under Fishing and fisheries)
- Angular acceleration detection
- 633 Annelida (See also: Hirudinea, Oligochaeta, Polychaeta)
- 567 Annual fish (See also: Life span)
- 754 Antarctic ocean
 - Anterior gut diverticula
 - Antibiotics in feed
- 732 Antivitamin content
- 542 Anus (See also: Cloaca)
- Appendicular skeletal muscles
- Appendicular skeleton
- Appetitive and consummatory behavior (See also: Drive or motivation)
- 696 or motivation)
- 738 Aquaria and water systems
- 738 Aquarium water chemistry
- 746 Aquatic sound techniques
 - Aquatic vs terrestrial respiration (See also: Accessory respiratory organs, Blood system for air breathing)
- 634 Arachnida
- 733 Archaeological data
- Arctic ocean
- 467 Armor, including fused scalation
- 467 Armored scales
- 521 Arterial system
- 634 Arthropoda
 - Artificial breeding environments (See also: Breeding and rearing, Spawning channels, and under Fish cultural methodology)
- 726 Artificial feeds and feeding (See also: Antibiotics in feed, Feeding captive fish, Forcefeeding, Pond fertilization and feeding)
- 728 Artificial fertilization (See also: Egg immaturity, Egg overripeness, Milt storage)
- 581 Artificial hybridization
- 727 Artificial incubation
- 581 Artificial intraspecific hybridization
- Artificial model habitats (See also under Ecological techniques)
- 745 Artificial population manipulation (See also under Fish cultural methodology)
- 730 Artificial propagation and planting (See also: Fish cultural methodology)
- 717 Artificial rearing environments (See also: Breeding and rearing, Spawning channels)
- 728 rearing, Spawning channels)
- 717 Artificial reefs
- Artificial selection (See also: Non-intentional artificial selection)
- 580 Asphyxiation (See also: Oxygen-Lethal environmental limits, Oxygen deficiencies in habitat)
- Aspidobothrea
- Astatic waters, temporary bodies (See also: Aestivation, Annual fish)
- 593 Annual fish)
- Asteriscus (See also: Otoliths)
- Asymmetry (See: Dextrality or sinistrality, Reversal of asymmetry, Unilateral compensation)
- 453 ATPase content and function
- ATP content and function
- Attachment of eggs to parent
- Attacks on man (See also: Entry into human orifices, Venomous fish)
- 732 Venomous fish)
- 733 Attacks on manmade objects

Attraction to parents
to
Central nervous system

- 694 Attraction to parents
- 494 Audiogram (See also: Aquatic sound techniques)
- 521 Aural gas bladder diverticula
- 494 Aural sensitivity and acuity
- Aural signals (See also: Sound producing gas bladder,
- 697 Sound production, Sound reception)
- 748 Australia
- 490 Autonomic nervous system
- 667 Availability and use of food
- 643 Aves
- 694 Avoidance conditioning
- Avoidance responses (See also under Locomotion and
- 680 Protective behavior)
- 444 Axial gradients
- 474 Axial skeletal muscles
- 468 Axial skeleton (See also: Weberian apparatus)

- Background selection (See also: Mimicry, and under
- 680 Coloration)
- 614 Bacteria
- 703 Bacterial diseases
- 703 Bacterial kidney disease
- 707 Bait fish
- Barb (See: Cyprinidae)
- 466 Barbels
- Barracuda (See: Sphyranoidei)
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- 592 Bathyal zone
- 590 Bathypelagic zone
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- objects, Embryo behavior, General structure and
- behavior, Stress reactions, and under Fish-to-fish
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- 673 Behavior genetics
- 694 Behavior in experiments
- 697 Behavioral habituation (See also: Effects of experience)
- 695 Behavioral probability matching
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- 734 Bibliography
- Bichir (See: Polypteromorpha)
- 542 Bile
- 526 Biochemical blood constituents
- 741 Biochemical extraction techniques
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- Biochemical sex differences (See also: Androgens,
- 560 Estrogens)
- Biochemical techniques
- Biochemistry of fishes (See also: Nutrition, and under
- various structures, organs, and systems, as well as the
- Biochemical items listed above)
- 734 Biography and obituary
- Bioluminescence (See: Luminescent organs, Photophores)
- 457 Biomembranes
- Biophysics of fishes (See also: Electric organs,
- Electroencephalographic studies, Hemodynamics,
- Hydrodynamics, Hydrostatics, Larval hydrostatic
- mechanisms, Muscular electrophysiology, Nervous
- electrophysiology, Sound analysis, and under various
- 460 Sense organs)
- 496 Biophysics of smell
- 494 Biophysics of sound
- Bipolar and ganglion cells
- Birds (See: Aves)
- Birth (See: Hatching, Parturition, Viviparity)
- Black spot disease
- 545 Bladder
- Blenny (See: Blennioidei and subgroups)
- 525 Blood and lymph (See also: Hepatic blood regulation)
- 482 Blood brain barrier
- Blood cells (See: Erythrocytes, Leucocytes,
- Thrombocytes)
- 531 Blood clotting
- 742 Blood collection
- Blood pressure (See: Hemodynamics)

- Blood sucking (See: Body fluid eating)
- 523 Blood system for air breathing
- 480 Blood vessel musculature (See also: Hemodynamics)
- 261 Bluefish (Pomatomidae)
- Body content (See also: Antivitamin content, Fish as food,
- Biochemical items listed above, and under
- Biochemistry of various strus, substances, and
- 448 conditions)
- Body fluid eating
- Body form (See also: Allometry, Hydrodynamics,
- Sexually dimorphic body form, Weight length
- 444 relationship)
- Bone (See also: Acellular bone, Hyperostosis, Physics and
- 474 mechanics of bones, Skeleton)
- 339 Bonefish (See: Albulidae)
- 201 Bowfin (See: Amiomorpha)
- 592 Brackish environment
- Brain (See also: Neurosecretion in brain, and under
- Behavior, Behavior in experiments, Nervous system,
- 483 and Sense organs)
- Brain injury (See also under Nervous system interference)
- Branchial diverticula (See also: Blood system for air
- 520 breathing)
- 637 Branchiopoda (See also: Crustacea)
- 471 Branchiostegals
- Bream, sea (See: Sparidae)
- Breathing (See also: Larval respiration, and under
- 679 Respiratory system)
- Breeding and rearing (See also: Artificial propagation and
- planting, Reproduction, Spawning channels, and under
- 739 Fish culture)
- 559 Brood pouch
- 533 Buccal cavity (See also: Mouth)
- Bullhead (See: Cottidae, Ictaluridae)
- Butterflyfish, marine (See: Chaetodontidae)
- Buoyancy (See: Hydrostatics, Larval hydrostatic
- mechanisms)
- Burrowing underwater (See also: Nest construction, and
- 675 under Protective behavior)
- 516 Calcitonin
- 682 Cannibalism
- Capillary systems (See also: Blood brain barrier, Gas
- secretion and absorption, and under Kidney and
- 523 Respiratory system)
- Captive fish (See: Captive vs. natural fish, Domesticated
- fish, and under Fish culture, Fish for education and
- entertainment, Maintaining live fish, and Selection
- 738 effects)
- 450 Carbohydrate content
- Carbohydrate metabolism (See also: Hepatic
- 455 carbohydrate regulation, Oxidative metabolism)
- 577 Carbohydrate requirements
- 613 Carbon dioxide
- Carbon dioxide transport (See also: Gas transport by
- 519 blood)
- 583 Carboniferous period
- Cardinalfish (See: Apogonidae)
- Care of types (See also under Collection maintenance)
- 359 Carp (See: Cyprinidae)
- 474 Cartilage (See also under Skeleton)
- 582 Caryotype
- 689 Catadromy (See also: Migrations)
- Cataloging and arrangement
- Catecholamines (See: Adrenal medulla, Adrenaline,
- Autonomic nervous system, Melatonin, Noradrenaline)
- Catfish (See: Anarichadidae, but mostly Siluriformes
- and subgroups)
- 446 Caudal fin
- 479 Caudal fin muscles
- 469 Caudal skeleton
- Cavefish and caves (See: Subterranean waters)
- 447 Cell division
- Cement glands (See: Larval cement glands)
- Cenozoic
- Census (See: Outdoor census and sampling)
- Central nervous system (See also: CNS integration, CNS
- structural correlates of behavior, and various other

- topics under Behavior in experiments, Nervous system,
483 and Sense organs)
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625 **Cestoda**
642 **Chaetognatha**
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567 and Ontogeny)
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695 **Chemical brain treatment**
495 **Chemical senses** (See also: Pheromones, Schreckstoffe)
496 **Chemical sensitivity and acuity**
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519 **Chloride cells** (See also: Ion and water relationships)
562 **Chorion**
498 **Choroid and tapetum**
524 **Choroid gland**
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741 **Chromatography**
582 **Chromosome number** (See also: Caryotype)
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732 **Ciguatera poisoning** (See also: Poison content)
617 **Ciliata**
668 **Circadian rhythms**
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vessel muscles, Cerebrospinal fluid, Gas secreting and
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521 vasculosus, and under Respiratory system)
Cisco (See: Salmonidae)
557 **Claspers**
679 **Cleaning symbiosis**
740 **Clearing** (See also: Staining)
563 **Cleavage and epiboly** (See also: General embryology)
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587 **Clinal variation**
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545 **Cloaca**
697 **CNS integration**
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717 **Coarse fish control** (See also: Fish control agents)
391 **Cod** (See: Gadidae)
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574 relationship)
195 **Coelacanth** (See: Coelacanthini)
618 **Coelenterata**
545 **Coelom**
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734 under Fishing and fisheries)
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465 **Color variety** (See also: Pet fish)
500 **Color vision**
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461 under Tegumentary system)
704 **Columnaris disease**
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746 **Computer analysis**
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694 **Conditioned autonomic responses**
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719 manipulation)
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747 North Asia, South America, South Asia)
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585 Natural selection)
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637 **Copepoda** (See also: Crustacea, Plankton)
589 **Coprolites**
557 **Copulatory organs** (See also: Mating)
590 **Coral reef**
547 **Corpora lutea**
515 **Corpuscles of Stannius**
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513 Cortisol)
514 **Corticosterone**
508 **Corticotroph** (See also: Adrenocorticotrophic hormone)
514 **Cortisol**
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704 **Costiaiaasis**
691 **Coughing** (See: Gill cleaning) **Courtship**
488 **Cranial nerves**
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583 **Cretaceous**
566 **Critical period** (See also: General embryology)
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580 **Crossing over**
634 **Crustacea** (See also: Anchor worm infestation, Plankton)
619 **Ctenophora**
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660 **Cycles of abundance**
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668 cycles, Testicular cycles)
740 **Cytochemical techniques**
Cytology (See: General cytology, and Cytology under
740 various structures and organs)
504 **Dahlgren cells** (See also: Neurosecretion in spinal cord)
719 **Dams and barriers** (See also: Fish guidance, Fishways)
Damselfish (See: Pomacentridae)
603 **Darkness** (See also: Light)
Darter (See: Percidae)
Death (See: Fishing mortality, Hybrid inviability, Lethal
environmental limits, natural mortality, Winterkill,
Fish kill and other subjects under Habitat destruction
and Mass mortalities, and other subjects under
Pathology and parasitism)
639 **Decapoda**
681 **Deceptive actions** (See also: Mimicry)
595 **Deep scattering layer**
Deep water collecting
736 **Deep water observation**
681 **Defensive spines** (See also: Venomous fish)
444 **Definition of species taxon** (See also: Speciation)
548 **Delayed fertilization**
Delayed hatching (See also: Development out of water)

**Cerebellum
to
Delayed hatching**

- Dendritic organ to Enzymology**
- Dendritic organ**
 - Density dependent regulation** (See also: Group effect, Intraspecific competition, Waterborne antigrowth factor, Waterborne antireproductive factor)
 - Description of fish** (See: Diagnosis, General structure and behavior, Gross external anatomy, Identifying Characters, Redescription)
 - 724 Detergent pollutants**
 - 695 Detour learning**
 - 563 Developing egg** (See also: General embryology)
 - Development** (See: Change with age and under Life history, as well as the Development and Developmental analysis of various structures, organs, and systems)
 - Development disorders** (See also: Abnormality of various structures, organs, and systems)
 - 701 Development out of water**
 - 583 Devonian**
 - 444 Dextrality or sinistrality**
 - Diagnosis** (See also: Identifying characters)
 - 486 Diencephalon**
 - 576 Dietary requirements**
 - 560 Differential sex mortality** (See also: Sex ratio)
 - 621 Digenea** (See also: Helminth diseases)
 - Digestion** (See: Bile, Gastric digestion, Gastric juices and enzymes, Intestinal digestion, Intestinal juices and enzymes, Pancreatic enzymes, Rectal digestion)
 - Digestive system** (See: Feeding, Gut, Larval feeding organs)
 - 531 Digging** (See: Burrowing underwater)
 - Diseases of fishes** (See under Pathology and parasitism, as well as Abnormality of various structures, organs, and systems)
 - 702 Disorders in captivity** (See also under Pathology and parasitism)
 - 740 Displacement detection** (See also: Lateral line and under Spatial orientation)
 - 492 Dissecting** (See also: Surgical technique)
 - Distribution** (See also: Check list, Faunal list, Vertical distribution, Zoogeography, and under Geographic distribution)
 - 654 Distribution of infection**
 - 594 Distribution within habitat**
 - 452 DNA content and function**
 - Dogfish shark** (See: Carcharhinidae, Scyliorhinidae, Squalidae)
 - Domesticated fish** (See also: Captive vs natural fish, Effects of gentling, Pet fish, and under Fish culture, Maintaining live fish, and Selection effects)
 - 731 Dominance social hierarchy** (See also: Aggressive behavior and under Group behavior)
 - 698 Dorsal fin** (See also: Illicium, Vexillum)
 - 446 Dorsal fin muscles**
 - 479 Dorsal fin skeleton**
 - 701 Double monsters**
 - Drawing devices and techniques**
 - Drinking** (See: Water ingestion)
 - Drive or motivation** (See also: Appetitive and consummatory behavior)
 - 697 Drum** (See: Sciaenidae)
 - Dry preservation**
 - Dystrophic lakes**
 - Ear** (See: Labyrinth)
 - 493 Ear functions** (See also: Aural signals)
 - Eating large plants**
 - 643 Echinodermata**
 - Ecological techniques** (See also: Collecting fish, Habitat preservation, Lake and stream surveys, Marking and tagging, Observing live fish, Sound analysis, and under Environment manipulation)
 - 744 Ecology** (See also most other subjects)
 - 589 Ecotypes** (See also under Intraspecific variation)
 - 587 Eel, common edible** (See: Anguillidae)
 - 331 Eel, marine** (See: Anguilliformes and subgroups)
 - Effects of experience** (See also: Behavioral habituation, Imprinting, Learned vs unlearned behavior, Memory mechanisms, Naive responses to stimuli, and under Training techniques)
 - 697 Effects of gentling** (See also: Handling methods and effects, Stress reactions)
 - 695 Effects of isolation** (See also: Sensory deprivation)
 - Efficiency** (See: Energy conversion efficiency, Pondfish productivity, Population bioenergetics, Productivity)
 - Egg** (See also: Developing egg, Mass measuring and counting eggs, Measuring egg abundance, and under Fish culture, General embryology, Ovary, and Reproduction)
 - 561 Egg immaturity**
 - 693 Egg laying** (See also: Mating)
 - 562 Egg overripeness**
 - Egg retention**
 - 561 Egg size**
 - Electric brain stimulation** (See also: Nervous electrophysiology)
 - 695 Electric eel** (See: Electrophoridae)
 - 372 Electric organs**
 - 481 Electric ray** (See: Torpedinidae)
 - 736 Electric shocking**
 - Electrical conductivity and resistance** (See: Passive electrical properties)
 - 494 Electrical senses**
 - 494 Electrical sensitivity**
 - Electricity** (See: Galvanotaxis, Muscular electrophysiology, Nervous electrophysiology)
 - Electroencephalographic studies** (See also: Nervous electrophysiology)
 - Electron microscopy** (See also: Ultrastructure of various structures and organs)
 - 740 Electrophoresis**
 - 494 Electrorception organs**
 - Embryo antimetabolite treatment**
 - 564 Embryo behavior**
 - Embryo biochemical treatment**
 - 744 Embryo chemical treatment**
 - Embryo extract treatment of embryo**
 - Embryo immunological treatment**
 - Embryo light treatment**
 - 564 Embryo physiology**
 - Embryo radioactive treatment**
 - Embryo surgery**
 - 744 Embryo transplantation**
 - 744 Embryo vital dye treatment**
 - 564 Embryogenesis**
 - Embryology** (See: Development and Developmental analysis of various structures, organs, and systems, as well as under Life history)
 - Embryological techniques**
 - Emotional color change** (See also: Short term adaptive color change)
 - 466 Endangered species** (See also: Extinction, Reduction of range by man)
 - 724 Endemism** (See also: Zoogeography)
 - 656 Endocrine system** (See also: Biochemistry of fishes, Color change, Interstitial tissue, Ovarian endocrine tissue, Pineal endocrinology)
 - 501 Endostyle**
 - 513 Energy consumption** (See also: Metabolic rate, Population bioenergetics)
 - 575 Energy conversion efficiency**
 - Entoprocta**
 - 719 Entrainment** (See also: Dams and barriers, Fishways)
 - 732 Entry into human orifices**
 - Environment control devices fish and Physiological techniques**
 - 743 Environment manipulation** (See also under Ecological techniques and Fish conservation)
 - Environmental factors** (See also other subjects under Ecology, and under Conservation of fish, Cyclical changes, Fisheries improvement, and Pathology and parasitism)
 - 595 Enzymology** (See also: Biochemical blood constituents, Biochemical extraction techniques, Gastric juices and enzymes, Intestinal juices and enzymes, Pancreatic

enzymes, and other subjects under Biochemistry of fishes)
 453 fishes)
 584 Eocene
 482 Ependyma
 Epiboly (See: Cleavage and epiboly)
 533 Epibranchial organ
 Epinephrin (See: Adrenaline)
 590 Epipelagic zone
 700 Epizootics
 Erythrocytes (See also: Sexually dimorphic blood cell counts)
 525 Esophageal pouch
 Esophageal respiration
 547 Estrogens
 Estuary (See: Brackish environment)
 639 Euphausiacea
 748 Europe
 592 Eutrophic lakes
 Eutrophication (See: Habitat eutrophication)
 Evolution (See also: Comparative enzymology, Geographic distribution, Host and parasite phylogeny, Nucleic acids, Population genetics, and the Adaptive evolution, Descriptive evolution, and Relationships of structures, organs, systems, habitats, and systematic groups)
 582 Evolutionary adaptation (See also under Evolutionary processes and variation, and Adaptive evolution of various structures, organs, systems, and habitats)
 Evolutionary processes and variation
 663 Exclusion principle (See also under Population dynamics)
 Excretory system (See also: Carbon dioxide transport, Gas transport by blood, Gill excretion, Nitrogen transport, Rectum, Sexually dimorphic kidney, Urinogenital muscles)
 542 Exercise (See also: Swimming chambers, Swimming endurance, and under Intermediary metabolism)
 Exophthalmos producing substance
 Expansion of range by man (See also: Artificial propagation and planting, Introduction for fishery, Use in biological control)
 655 Expansion of range by natural means (See also: Stream capture, zoogeography, and under Geographic distribution)
 655 distribution)
 734 Expedition
 Experience (See: Behavioral habituation, Effects of experience, Imprinting, Learned vs unlearned behavior, Memory mechanisms, and under Training techniques)
 Experimental embryology (See: Developmental analysis of various structures, organs, and systems, and also Embryological techniques)
 Experimental ichthyology (See: Experimental analysis of structures, organs, systems, and processes)
 724 Explosions underwater
 585 Explosive radiation
 External administration (See also: Anesthetics, Fish control agents, Marking and tagging, Treatment for disease)
 498 External eye structure
 External gas bladder opening
 520 External gills
 496 External nares
 467 External skeleton (See also: Scalation, Spines)
 585 Extinction (See also: Endangered species)
 695 Extinction of conditioned response
 497 Eye
 480 Eye muscles
 Facial nerve
 593 Fast flowing streams (See also: Torrential streams)
 Fat (See: Lipid and fatty acid content, Lipid metabolism)
 545 Fat body
 577 Fat requirements
 442 Faunal list
 550 Fecundity (See also: Recruitment)
 Feeding (See also: Availability and use of food, Cannibalism, Food chains, Forcefeeding, Larval

feeding organs, Selfregulation of food intake, and under Artificial rearing environments, Gut, and Nutrition)
 676 Artificial rearing environments, Gut, and Nutrition)
 745 Feeding analysis methods (See also: Gut contents)
 Feeding captive fish (See also: Forcefeeding and under Artificial rearing environments)
 739 Artificial rearing environments)
 679 Feeding on parent (See also: Food secreting skin cells)
 552 Female genital papilla
 Female heterogamety
 Fertility
 562 Fertilization (See also: Artificial fertilization)
 734 Field station
 Field work (See: Collecting fish, Ecological techniques, Fossil fish techniques, Observing live fish, Photographing and illustration, Wet preservation)
 682 Fighting (See also under Aggressive behavior)
 Filefish (See: Balistidae)
 Filtration and circulation (See also under Aquaria and water systems)
 678 Fin clipping for food
 Fin muscles
 Fin rot disease
 470 Fish skeletal supports
 Fins (See also: Hydrodynamics, Larval locomotor organs, Sexually dimorphic fins, and under Appendicular skeleton, Copulatory organs, and Gross external anatomy)
 470 Fish and human culture (See also under Relations of fish and man)
 Fish as food (See also under Body content and Fish and medicine)
 733 Fish communities
 589 Fish conservation (See also under Fisheries improvement)
 724 Fish control agents
 730 Fish cultural methodology (See also: Artificial propagation and planting, and under Maintaining live fish)
 725 fish)
 725 Fish cultural statistics
 725 Fish culture
 Fish for education and entertainment
 725 Fish guidance (See also: Fishways)
 733 Fish in art
 733 Fish in history
 Fish in literature
 Fish in mythology
 733 Fish in religion
 724 Fish kill (See also: Mass mortalities, Winterkill)
 703 Fish mycobacteriosis
 731 Fish transportation (See also: Transportation)
 Fish-to-fish relationships (See also other subjects under Ecology and subjects under Behavior)
 645 Ecology and subjects under Behavior)
 715 Fisheries improvement
 Fishery dynamics (See also: Mathematical population models, and Population dynamics)
 708 models, and Population dynamics)
 Fishery products
 708 Fishery statistics
 705 Fishing and fisheries
 Fishing gear selectivity (See also: Sampling in fisheries and under Collecting fish)
 707 and under Collecting fish)
 706 Fishing methods (See also: Collecting fish)
 713 Fishing mortality
 717 Fishways (See also: Fish guidance)
 696 Fixed action patterns (See also under Behavior)
 Flatfish (See: Pleuronectiformes and subgroups)
 Flounder (See: Bothidae, Pleuronectidae)
 Fluorescence
 Flying (See: Aerial locomotion)
 Flyingfish (See: Exocoetidae)
 Follicle stimulating hormone
 668 Food chains (See also: Feeding)
 Food secreting skin cells (See also: Feeding on parent)
 Forcefeeding
 Forebrain (See: Telencephalon)
 Forehead (See: Gibbous forehead, Head, Skull)
 746 Fossil fish techniques
 583 Fossil fishes
 Freshwater benthic zone

Eocene
 to
 Freshwater benthic
 zone

- Freshwater environment to Hemoglobin**
- Freshwater environment**
- Freshwater littoral zone**
- 566 Fry
- Functional disorders
- Fungi
- 704 Fungus diseases
- 703 Furunculosis disease
- 542 Gall bladder
- 494 Galvanotaxis (See also: Electric shocking)
- Ganoid scales (See: Armored scales)
- Gar, freshwater (See: Semionotomorpha)
- Gar, marine (See: Belontiidae)
- Gas bladder (See also: Hydrostatics, Sexually dimorphic)
- 520 gas bladder)
- 521 Gas bladder capacity
- Gas bladder diverticula (See also: Aural gas bladder diverticula)
- 679 Gas bladder filling
- 480 Gas bladder muscles
- 520 Gas bladder respiration (See also: Lung)
- 699 Gas bubble disease
- Gas measurements (See also under Environment control devices, Metabolism measurements)
- 521 Gas secretion and absorption (See also under Gas bladder)
- Gas transport by blood (See also: Carbon dioxide transport, Oxygen transport)
- 531 transport, Oxygen transport)
- 536 Gastric digestion
- Gastric inflation mechanism (See also: Self inflation)
- 536 Gastric juices and enzymes
- 515 Gastrointestinal hormones
- 564 Gastrulation
- 586 Geminant species
- General cytology (See also: Cytology of various structures and organs)
- General embryology (See also: Development, and Developmental analysis of various structures, organs, and systems)
- 560 General function
- General histology (See also: Histology of various structures and organs)
- General light sensitivity (See also under Visual senses)
- 444 General structure and behavior (usually popular articles)
- General sub-cellular structure (See also: Ultrastructure of various structures and organs)
- 702 Genetic disease resistance (See also: Artificial selection)
- 579 Genetics (See also: Behavior genetics)
- Genotype
- Gentling (See: Effects of gentling, Handling methods and effects, Stress reactions)
- Geographic barriers (See also: Zoogeography and under Geographic distribution)
- 656 Geographic distribution (See also: Check list, Faunal list, Zoogeography, and under Intraspecific variation, and the Distribution and Habitat preference of systematic groups)
- 654 groups)
- 747 Geographic Index
- Geographic variation (See also: Subspecies of various species)
- 586 Geography of popular names
- 562 Germ cell origin
- 700 Gerontological pathologies (See also: Senescence)
- 560 Gibbous forehead
- 534 Gill arch teeth
- 471 Gill arches
- 679 Gill cleaning
- Gill excretion (See also: Carbon dioxide transport, Nitrogen transport)
- 520 Nitrogen transport)
- 479 Gill muscles
- Gill rakers
- 519 Gill ventilation mechanics
- 516 Gills
- 535 Gizzard
- 482 Glia
- 544 Glomerulus
- 489 Glossopharyngeal nerve
- Glucose content** (See also: Carbohydrate metabolism, Oxidative metabolism)
- 450 Oxidative metabolism)
- 505 Glumitocin
- Glycogen content (See also: Carbohydrate metabolism, Oxidative metabolism)
- 450 Oxidative metabolism)
- Goatfish (See: Mullidae)
- Goby (See: Gobioidae and subgroups)
- 354 Goldfish (See: Cyprinidae)
- 509 Gonadotroph
- 509 Gonadotropin (See also: Hormone induced reproduction)
- 557 Gonopodium
- Gravity detection (See also under Spatial orientation)
- 678 Grazing
- 444 Gross external anatomy
- 683 Group behavior
- 685 Group effect (See also: Density dependent regulation)
- Growth (See also: Age and growth techniques, Allometry, Energy conversion efficiency, Neoplastic diseases, Population changes, Productivity, Rate of growth, Sexually dimorphic size, Waterborne antigrowth factor)
- 567 factor)
- 509 Growth hormone
- 509 Growth hormone cell
- Grunt (See: Pomadysidae)
- 472 Gular plate
- 314 Guppy (See: Poeciliidae)
- Gurnard (See: Triglidae)
- Gut (See also: Sexually dimorphic gut, and under Feeding and Nutrition)
- 531 and Nutrition)
- Gut contents (See also: Feeding analysis methods, and under various systematic groups, As food for fish)
- 678 under various systematic groups, As food for fish)
- Gut muscles
- Gut respiration (See also: Branchial diverticula, Esophageal respiration, Oral respiration)
- 520 Esophageal respiration, Oral respiration)
- 550 Gynogenesis (See also: Matroclinal inheritance)
- 719 Habitat destruction (See also: Reduction of range by man)
- 719 Habitat eutrophication
- 719 Habitat pollution
- 679 Habitat preference
- Habitat preservation (See also: Pollution abatement and under Environment manipulation)
- 725 under Environment manipulation)
- 590 Habitats
- Habituation (See: Behavioral habituation, Effects of experience)
- Hadal zone
- Hagfish (See: Myxiniomorpha)
- Hake (See: Gadidae, Merlucciidae)
- Halfbeak (See: Exocoetidae)
- Hammerhead shark (See: Sphyrnidae)
- Handling methods and effects (See also: Effects of gentling, Stress reactions)
- 738 gentling, Stress reactions)
- 582 Haploidy
- 726 Hatchery productivity
- 564 Hatching
- 564 Hatching glands
- Head
- Head muscles (See also: Eye muscles, Visceral skeletal muscles)
- 480 muscles)
- 524 Headkidney (See also: Hemopoiesis)
- Hearing (See: Aquatic sound techniques, Aural gas bladder diverticula, Aural signals, Sound production, and under Mechanical senses, especially Lagena and Sound reception)
- 523 Heart
- Heart blood supply
- 480 Heart musculature
- 524 Heart nerve supply
- Heat (See: Temperature)
- 720 Heat pollution
- 720 Heavy metal pollutants
- Helminth diseases (See also: As parasite, under Acanthocephala, Cestoda, Hirudinea, Nematoda, and Trematoda)
- 705 Trematoda)
- 531 Hemodynamics
- 528 Hemoglobin

- 524 **Hemopoiesis**
 Hepatic blood regulation
 Hepatic carbohydrate regulation
- 542 **Hepatic detoxification**
- 699 **Hepatoma**
- 723 **Herbicide pollutants**
- 701 **Hereditary disorders**
- 557 **Hermaphroditic gonads**
- 321 **Herring** (See: Clupeidae)
- Heterogamety** (See: Female heterogamety, Male heterogamety)
- 581 **Heterosis**
- 512 **Heterotopic thyroid**
- 704 **Hexamita**
- 673 **Hibernation**
 Hiding (See also: Burrowing underwater, and under Color change and Self protection)
- 633 **Hirudinea**
- 740 **Histochemical techniques**
 Histocompatibility factors
- 740 **Histological preparation**
 Histology (See: General histology and the Histology of various structures and organs)
- 706 **History of fisheries**
- 705 **History of fishing**
- 734 **History of ichthyology**
- 685 **Home range and homing** (See also: Territoriality)
 Homeostatic mechanisms (See also: Hepatic detoxification, Neuroendocrine feedback mechanisms, Regulatory respiratory mechanisms, Unilateral compensation)
- 460 **Homograft reaction** (See: Allograft reaction)
- 588 **Homology**
- Homonymy**
- Homozygosity** (See also: Inbreeding, Self fertilization)
- 727 **Hormone induced reproduction**
- 702 **Host and parasite phylogeny**
- 702 **Host parasite interactions**
- 702 **Host specificity**
 Hot springs (See: Mineral waters, Thermal springs)
- Hybrid** (See also: Artificial hybridization, Heterosis, Introgressive hybridization, Natural hybridization)
- 580 **Hybrid compatibility**
- 581 **Hybrid incompatibility**
- 581 **Hybrid inviability**
- 581 **Hybrid sterility**
- 550 **Hybridogenesis** (See also: Introgressive hybridization)
- 675 **Hydrodynamics** (See also: Body form)
 Hydrogen ion concentration (See also: Acid pollutants, Alkali pollutants, and various substances in water, especially Carbon dioxide)
- 609 **Hydrostatics** (See also: Larval hydrostatic mechanisms, and under Gas bladder)
- 674 **Hyoid arch**
- 701 **Hyperostosis**
 Hypophysis (See: Adenohypophysis, Neurohypophysis)
- 704 **Ich disease**
 Ichthyology (See: Science of ichthyology)
- 704 **Ichthyophonus disease**
 Identification (See: Identifying characters, and Key of various subjects especially systematic groups)
- 446 **Illicium** (See also: Luring and angling for food)
- Illicium skeleton**
- Immunization techniques** (See also: Immunological techniques)
- 531 **Immunochemical techniques**
- 531 **Immunocytes**
- 531 **Immunological analysis**
 Immunological reactions (See also: Allograft reaction, Host parasite interactions)
- 530 **Immunological techniques** (See: Embryo immunological treatment, Immunization techniques, Immunochemical techniques)
- 743 **Impoundment manipulation** (See also: Reservoirs)
- 717 **Imprinting** (See also: Effects of experience)
- 744 **In vitro techniques** (See also: Tissue culture techniques)
- 580 **Inbreeding** (See also: Artificial selection)
 Incertae sedis (See: Inc sed of systematic groups)
- Incidence of infection**
- Incubation patch**
- 749 **India**
- 753 **Indian ocean**
 Infectious and parasitic disorders (See also: Distribution of infection, Host parasite interactions, Incidence of infection, Intensity of infection, Parasite life history, Prophylactic treatment, Treatment for disease)
- 701 **Infectious pancreatic necrosis**
- 702 **Inflammatory response**
 Intraspecific variation (See also: Color variety, Population genetics, Populations, Recognition of individual fish)
- 586 **Inheritance** (See also: Behavior genetics, Genetic disease resistance, and under Genetics)
- 580 **Injecting** (See also under Anatomical preparation)
- 742 **Injection** (See also under Physiological techniques)
- Injury** (See: Wounds)
- Innervation** (See also the Innervation of various structures and organs)
- 483 **Inorganics in water** (See also: Ammonia, Carbon dioxide, Nitrogen, Oxygen, Salinity, Water hardness, Water pollutants)
- 610 **Insecta**
- 639 **Insecticide pollutants**
- 722 **Insecticide resistance** (See also: Pesticide content)
- 734 **Institution**
 Institutional services
- 694 **Instrumental conditioning**
- 515 **Insulin**
 Integumentary system (See: Tegumentary system)
- Intensity of infection**
- 454 **Intermediary metabolism**
 Intermedin (See: Melanocyte stimulating hormone)
- Intermuscular bones** (See: Ribs)
- Internal administration** (See also: Forcefeeding)
- 496 **Internal nares**
 International Commission on Zoological Nomenclature (See: Intl Comm opinion on various systematic names)
- 444 **Interocular transfer**
- 698 **Interspecific communication** (See also: Aural signals, Schreckstoff, Visual signals, Warning display)
- 696 **Interspecific competition** (See also under Populations and Fish-to-fish relationships)
- 662 **Interstitial tissue**
- 554 **Intertidal zone**
- 591 **Intestinal digestion**
- 537 **Intestinal juices and enzymes**
- 536 **Intestine**
 Intraspecific communication (See also: Aural signals, Color change, Recognition of individual fish, Recognition of young, Sex recognition, Visual signals, Warning display, and under Social behavior)
- 696 **Intraspecific competition** (See also: Cannibalism, and under Populations and Fish-to-fish relationships)
- 662 **Intraspecific variation** (See: Intraspecific variation)
- Introduction for fishery** (See also: Expansion of range by man)
- 718 **Introggressive hybridization**
 Invalidation of scientific names
- 586 **Ion and water relationships** (See also: Chloride cells, Corpuscles of Stannius, Cortical hormones, Prolactin, Rectal gland, and under Biomembranes and Excretory system)
- 457 **Iris and pupil**
- 498 **Isoenzymes**
 Isolating mechanisms (See also: Geographic barriers and under Hybrid)
- 585 **Isopoda**
- 639 **Isotocin**
- 505 **Jack** (See: Carangidae)
- 479 **Jaw muscles**

- Jaws** (See also: Mouth, Oral teeth)
- to**
- Metabolism**
- 544 Juxtaglomerular apparatus
 - Karyotype (See: Caryotype)
 - Key
 - Killifish (See: Cyprinodontidae)
- 542 Kidney (See also: Sexually dimorphic kidney)
- 544 Kidney modifications
 - Knifefish (See: Gymnotiformes and subgroups)
- Laboratory (See also: Use as test animal, and under Behavior in experiments and Techniques for studying fish)
- 694 Laboratory analyzed behaviors
- 492 Labyrinth
 - Labyrinthfish (See: Anabantoidei and subgroups)
 - Lagena
- 715 Lake and stream surveys
- 716 Lake improvement (See also: Habitat preservation)
- 592 Lakes
 - Lamprey (See: Petromyzontomorpha)
 - Lapillus (See also: Otoliths)
 - Large specimen techniques
- 564 Larva
- 566 Larval cement glands
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- 566 Larval feeding organs (See also: Yolk sac)
- 566 Larval hydrostatic mechanisms
 - Larval integument
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- 566 Larval sense organs
- 491 Lateral line
- 491 Lateral line pores and canals
- 454 LDH isoenzymes
- 676 Leaping
 - Learning (See: Behavioral habituation, Effects of experience, Effects of gentling, Effects of isolation, Imprinting, Learned vs unlearned behavior, Memory mechanisms, and under Training techniques)
- 697 Learned vs unlearned behavior
- 442 Lectotype designation
- 664 Length frequency (See also: Population structure)
 - Length weight relationship (See: Weight length relationship)
- 498 Lens
- 592 Lentic waters
- 654 Lethal environmental limits (See also: Use as test animal)
- Leucocytes (See also: Sexually dimorphic blood cell counts)
- 526 Life history
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 - Light (See also: Circadian rhythms, Embryo light treatment, Orientation with light source, Pineal light sensitivity, and under Visual senses, especially Underwater optics)
- 602 Limitations of selection
- Limnetic zone
- 449 Lipid and fatty acid content
- 456 Lipid metabolism
 - Lipoproteins
- 443 List of types (See also: Care of types)
- 590 Littoral zone
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 - Live cars (See: Pounds and live cars)
 - Livebearer (See: Poeciliidae)
- 538 Liver (See also: Sexually dimorphic liver)
- 595 Living space (See also: Population density)
- Lizardfish (See: Synodontidae)
- Loach (See: Cobitidae)
- Lobefin (See: Coelacanthini)
- Locking devices and holdfasts (See also: Suckers)
- Locomotion (See also: Exercise, Larval locomotor organs, Swimming chambers, and under Orientation and locomotion)
- 674 Long term adaptive color change
 - Longevity (See: Differential sex mortality, Life span, Natural mortality)
- 593 Lotic waters
 - Luminescent organs (See also: Sexually dimorphic photophore)
- 445 Lumpfish (See: Cylopteridae)
- 670 Lunar rhythms
- 520 Lung (See also: Gas bladder respiration)
- Lungfish (See: Dipnoi)
- 678 Luring and angling for food (See also: Illicium)
- 509 Luteotropic hormone
- 523 Lymphatic system
- 702 Lymphocystis disease
 - Mackerel (See: Scombridae)
- 495 Magnetism sensitivity
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- 738 Maintenance energy requirements (See also under Nutrition)
- 575 Male accessory glands
- 557 Male genital papilla (See also under Copulatory organs)
- Male heterogamety
- 643 Mammalia
 - Mammale habitats (See also: Reservoirs and under Environment manipulation)
- 593 Manta (See: Mobulidae)
- Marine benthic zone
- 590 Marine environment
- 736 Marking and tagging techniques, Radioactive tracers)
- 700 Mass mortalities (See also: Fish kill, Winterkill)
 - Massmeasuring and counting eggs (See also: Measuring egg abundance)
- 617 Mastigophora
- Maternal effect
- 567 Mathematical growth analysis
 - Mathematical population models (See also under Population dynamics)
- 745 Mating (See also: Copulatory organs)
- 550 Matroclinous inheritance (See also: Gynogenesis)
- 490 Mauthner neurone
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- 714 Maximum yield
- 695 Maze learning
 - Measuring egg abundance (See also: Massmeasuring and counting eggs)
- 745 Measuring larval abundance
- Mechanical engineering of body (See also: Hydrodynamics and under Biophysics of fishes)
- 491 Mechanical senses
- 460 Mechanics of soft elastic tissues
- 488 Medulla oblongata
- Melanism
 - Melanocyte stimulating hormone (See also: Long term adaptive color change, MSH cell)
- 507 Melanoma
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- 482 Meninges
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- 487 Mesencephalon
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- 590 Mesopelagic zone
- 505 Mesotocin
- 583 Mesozoic
- 447 Metabolic rate
 - Metabolism (See: Energy consumption, Energy conversion efficiency, Maintenance energy)

requirements, Oxygen consumption, Oxygen debt, and under Intermediary metabolism)
 743 Metabolism measurement
 743 Metabolite collection
 566 Metamorphosis
 724 Microbiological ichthyotoxins
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 749 Mideast
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 686 systematic groups, and under Home range and homing)
 727 Milt storage (See also: Artificial fertilization)
 588 Mimicry
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 577 Mineral requirements
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 592 springs)
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 445 Mouth (See also: Buccal cavity, Jaws, Oral teeth)
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 590 Mudflats
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 481 Muscular electrophysiology (See also: Synapses)
 734 Museum
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 474 Myodome
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 580 Hybrid)
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 712 and under Population dynamics)
 588 Natural selection (See also: Population genetics)
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 698 Neoplastic diseases
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 Nerve degeneration
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695 Nerve transection
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 482 Nervous system interference (See also: Nerve
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 503 dimorphic pituitary)
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 455 metabolism and Nucleic acids)
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 495 Nose (See also under Chemical senses)
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 575 cultural methodology)
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 724 Oil dispersant
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- Oogenesis to**
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- 546 Oogenesis (See also: Germ cell origin and under Egg)
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 520 Oral respiration
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 547 Ovarian endocrine tissue
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- 510 Pars anterior
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 559 Permanent sexual coloration
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- 732 **Poisonous roe**
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662 **Population diversity**
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657 **Populations** (See also: Artificial population manipulation, Population genetics, and under Intraspecific variation and Population dynamics)
656 **Porgy** (See: Sparidae)
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738 **Pounds and live cars**
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717 **Predator control**
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743 **Radioactivity**
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567 **Ratfish** (See: Chimaeromorpha)
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738 **Recording cameras and TV**
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542 **Rectal gland**
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483 **Reissner fiber SCO complex**
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705 **Relations of fish and man**
442 **Relationships** (phylogenetic or systematic)
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545 **Renin** (See also: Hemodynamics)
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671 **Reproductive system** (See also: Urinogenital muscles)
545 **Reptilia**
643 **Reservoirs** (See also: Impoundment manipulation)
592 **Respiration chambers** (See also under Metabolism measurement)
743 **Respiratory system** (See also: Breathing, Gas transport by blood, Gill cleaning, Gill muscles, Oxygen consumption, and under Visceral skeleton)
516 **Reticuloendothelial system**
530 **Retina**
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452 **Rockfish** (See: Scorpaenidae)
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- 482 **Saccus vasculosus**
493 **Sagitta** (See also: Otoliths)
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606 **Salmon** (See: Salmonidae)

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- Salts content to**
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 734 Science of ichthyology
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 588 Seasonal races (See also: Ecotypes)
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 490 Sensitivity to mechanical stimuli (See also: Aural sensitivity and acuity)
 491 Sensory deprivation
 696 Sensory discrimination
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 580 Sex chromosomes
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 558 Sexually dimorphic body form
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 558 Sexually dimorphic size
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 678 Shooting and jettling for food
 466 Short term adaptive color change
 586 Sibling species
 678 Sifting for food
 444 Significance of higher taxa
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 722 Silt pollutants
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 466 Skull (See also: Head, Pug head, Rostrum, Snout, and under Skeleton)
 472 Sleep (See also under Cyclical changes)
 593 Slow flowing streams
 740 Small specimen techniques
 Smelling (See: Pheromones, Schreckstoffe, and under Chemical senses)
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 Snakehead (See: Channiformes)
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 445 Snout
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 490 Somatic motor nervous system
 490 Somatic sensory nervous system
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 736 Sonar observation
 738 Sonic tagging
 690 Sound analysis (See also: Audiogram)
 521 Sound producing gas bladder
 689 Sound production
 Sound reception (See also: Aquatic sound techniques, Aural gas bladder diverticula, Aural signals, and under Mechanical senses, especially Lagenae)
 493 Source of animal protein (See also under Fish as food)
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- 750 **South America**
 751 **South Asia**
 752 **South Atlantic ocean**
 753 **South Pacific ocean**
 Spatial orientation (See: Angular acceleration detection, Fish guidance, Galvanotaxis, Gravity detection, and under Home range and homing)
 673 **Spawning** (See: Reproduction, especially Mating and Egg laying)
 Spawning channels (See also: Artificial breeding environments)
 717 **Spawning season** (See: Reproductive season)
 Speciation (See also: Hybridogenesis, and under Evolutionary processes and variation)
 585 **Species** (See: Definition of species taxon, Lectotype, Neotype, New species, Redescription)
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 681 **Specificity** (See: Protein specificity)
 562 **Sperm** (See also: Fertilization)
 562 **Sperm age and survival**
 556 **Sperm duct** (See also: Cloaca)
 Sperm motility
 Sperm preservation (See: Milt storage)
 553 **Spermatogenesis** (See also: Germ cell origin)
 557 **Spermatophore**
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 Spinal cord (See also: Neurosecretion in spinal cord, and under Behavior, Behavior in experiments, Nervous system, and Sense organs)
 490 **Spinal cord injury** (See also under Nervous system interference)
 695 **Spinal nerves**
 490 **Spinal tracts**
 Spines (See also: Defensive spines, Locking devices and holdfasts, Rays and spines, and under External skeleton)
 445 **Spiracles**
 519 **Spiracles**
 537 **Spiral valve**
 524 **Spleen**
 732 **Spoilage problems** (See also under Fish and medicine)
 618 **Sporozoa**
 Sport fishing (See: Angling and under Fishing and fisheries)
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 Squirrelfish (See: Holocentridae)
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 593 **Staining** (See also: Cytological preparation, Histological preparation)
 740 **Standing crop**
 714 **Starvation**
 Statistics and statistical analysis (See: Allometry, Computer analysis, Fish cultural statistics, Fishery statistics, Mathematical growth analysis, Meristic morphometric techniques, Outdoor census and sampling)
 Sterility (See also: Hybrid sterility)
 457 **Steroid metabolism**
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 697 **Stimulus generalization**
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 535 **Stomach** (See also: Absence of stomach, Self inflation)
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 678 **Straining for food**
 Stratigraphic distribution (See also under various geological periods and epochs)
 582 **Stream capture** (See also: Expansion of range by natural means)
 655 **Stream improvement** (See also: Habitat preservation)
 716 **Stream surveys** (See: Lake and stream surveys)
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- 699 **Stress reactions**
 464 **Structural colors**
 Structure (See the Anatomy, Histology, Cytology, and Ultrastructure of various structures, organs, and systems)
 444 **Structure and function**
 Sturgeon (See: Acipenseromorpha)
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 591 **Sublittoral zone**
 443 **Subspecies**
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 593 **Subterranean waters**
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 Suckers (See also: Locking devices and holdfasts, Pelvic fins)
 446 **Sunfish, freshwater** (See: Centrarchidae)
 550 **Superfotation**
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 490 **Supramedullary neurones**
 590 **Surf**
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 460 **Surfperch** (See: Embiotocidae)
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 742 **Surmullet** (See: Mullidae)
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 740 **Swamps and marshes** (See also: Stagnant waters)
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 Swimming (See also: Larval locomotor organs and under Orientation and locomotion)
 675 **Swimming chambers**
 675 **Swimming endurance** (See also: Exercise)
 675 **Swimming speed**
 279 **Swordfish** (See: Xiphiidae)
 Symbiosis (See: Cleaning symbiosis, and under Fish-to-fish relationships, as well as various animal groups)
 482 **Synapses**
 557 **Synchronous hermaphroditism**
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 441 **Systematics and nomenclature**
 491 **Tactile sensitivity organs**
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 733 **Tarpon** (See: Megalopidae)
 495 **Taste buds**
 Tasting (See: Pheromones and under Chemical senses)
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 Techniques for studying fish (See also: Fishing gear selectivity, Immunization techniques, Immunological analysis, Lake and stream surveys, Mathematical growth analysis, Sound analysis, Use in classroom, and under Behavior in experiments)
 733 **Teeth** (See: Gill arch teeth, Oral teeth, Pharyngeal teeth, Mouth, Rostral teeth, Sexually dimorphic teeth, Tooth replacement)
 460 **Tegumentary system** (See also: Skin)
 485 **Telencephalon**
 Television (See: Recording cameras and TV)
 Temperature (See also: Environmental control devices, Heat pollution, Selfregulation of water temperature, Subzero waters, Thermal sensitivity, Thermal springs)
 595 **Teratoma**
 701 **Teratoma**
 676 **Terrestrial locomotion**
 Territoriality (See also: Home range and homing, and under Self protection)
 682 **Test animal** (See: Use as test animal)
 555 **Testicular cycles** (See also: Reproductive season)
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 552 **Testis**
 734 **Text book**

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- 487 Thalamus
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- 501 Thermal sensitivity
- 593 Thermal springs
- Thiaminase (See: Antivitamin content)
- 480 Throat muscles
- 526 Thrombocytes
- 524 Thymus (See also: Organ of Leydig)
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- 511 Thyroid (See also: Sexually dimorphic thyroid)
- 512 Thyroid hormone
- 699 Thyroid hyperplasia
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- 670 Tidal rhythms
- 590 Tide pools
- 605 Tides
- 744 Tissue culture techniques
- Tissue transplantation (See also: Allograft reaction, Embryo transplantation, Histocompatibility factors)
- 531 Toadfish (See: Batrachoidiformes)
- Tongue
- Tonguefish (See: Cynoglossidae)
- 535 Tooth replacement
- Topminnow (See: Cyprinodontidae)
- 593 Torrential streams
- Toxic substances (See: Embryo antimetabolite treatment, Fish control agents, Pesticide content, Poison collecting, Poison content, Poisons liberated into water, Poisonous as food, Pollutant content, Radioactive content, Venom glands, Venomous fish, Waterborne antigrowth factor, Waterborne antireproductive factor, and under Poisonous fish and Water pollutants)
- Toxicological testing (See: Environment control devices, Use as test animal, Water pollutants)
- Training techniques (See also under Behavior in experiments)
- 694 Transplantation (See: Introduction for fishery, Tissue transplantation)
- Transplantation in nature (See also: Artificial propagation and planting, Introduction for fishery)
- 745 and planting, Introduction for fishery)
- 736 Transportation (See also: Fish transportation)
- 735 Trapping
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- 701 Treatment for disease
- 619 Trematoda (See also: Digenea, Monogenea)
- 583 Triassic
- Trigeminal nerve
- Triggerfish (See: Balistidae)
- 582 Triploidy
- 489 Trochlear nerve
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- Tuberculosis (See: Fish mycobacteriosis)
- 494 Tuberos receptors
- Tuna (See: Scombridae)
- Turbidity (See: Silt)
- Twinning (See: Double monsters)
- Type specimen (See: Care of types, Lectotype, List of types, Neotype, New species, New subspecies)
- Ulcer disease
- 703 Ulcerative dermal necrosis
- 516 Ultimobranchial body
- Ultrastructure (See: General sub-cellular structure as well as Ultrastructure of various chemical and biological structures)
- 500 Underwater optics
- Unilateral compensation (See also: Regeneration)
- Unsaturated fat content (See also under Fish as food)
- Ureter
- Urinary papilla (See also: Cloaca)
- 545 Urine
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- 504 Urophysis
- 743 Use as test animal (See also: Toxic substances)
- 733 Use in biological control
- 731 Use in classroom
- Use in systematics (See also use in describing New taxonomic unit, and in the Diagnosis, Redefinition, and Redescription of systematic groups)
- 552 Uterus
- 489 Vagus nerve
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- Variation (See under Intraspecific variation and Statistics and statistical analysis)
- 586 Variation with age (change in variation with increasing age)
- 616 Vascular plants
- 505 Vasotocin
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- 732 Venomous fish (See also: Poisonous fish)
- 522 Venous system
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